

## Drug Analysis Test No. 17-502 Summary Report

This test was sent to 656 participants. Each sample pack consisted of two questioned samples containing powder substances which participants were requested to analyze. Data were returned from 566 participants (86% response rate) and are compiled into the following tables:

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This report contains the data received from the participants in this test. Since these participants are located in many countries around the world, and it is their option how the samples are to be used (e.g., training exercise, known or blind proficiency testing, research and development of new techniques, etc.), the results compiled in the Summary Report are not intended to be an overview of the quality of work performed in the profession and cannot be interpreted as such. The Summary Comments are included for the benefit of participants to assist with maintaining or enhancing the quality of their results. These comments are not intended to reflect the general state of the art within the profession.

Participant results are reported using a randomly assigned "WebCode". This code maintains participant's anonymity, provides linking of the various report sections, and will change with every report.

# **Manufacturer's Information**

Each sample pack consisted of two items. Item 1 contained 240mg of powder consisting of approximately 20% tramadol hydrochloride and 80% lactose. Tramadol hydrochloride is a Schedule IV narcotic controlled substance in the United States. Item 2 contained 300mg of powder consisting of lactose.

#### SAMPLE PREPARATION-

The tramadol hydrochloride in Item 1 was a pure powder that was combined with lactose. The two powders were mixed thoroughly to ensure homogeneity. The lactose in Item 2 was a pure powder.

ITEM 1 (PREPARATION): Approximately 240mg of the powder containing tramadol hydrochloride was weighed out and deposited into a glassine bag which was folded and secured with a label. The folded glassine bag was placed into a small zip top bag. The small zip top bag was heat sealed and then placed into a pre-labeled envelope.

ITEM 2 (PREPARATION): Approximately 300mg of the lactose powder was weighed out and deposited into a glassine bag which was folded and secured with a label. The folded glassine bag was placed into a small zip top bag. The small zip top bag was heat sealed and then placed into a pre-labeled envelope.

SAMPLE PACK ASSEMBLY: One of each of the Item 1 and Item 2 envelopes was placed into a larger pre-labeled sample pack envelope.

VERIFICATION: The above substances were identified by predistribution laboratories, who used the following combined list of techniques: color tests, UV, GC, GC/MS, and FTIR.

# Summary Comments

This test was designed to allow participants to assess their proficiency in the qualitative analysis of questioned samples that may contain controlled substances. Item 1 contained a powder consisting of lactose and approximately 20% tramadol hydrochloride. Tramadol hydrochloride is a Schedule IV narcotic controlled substance in the United States. Item 2 contained a powder consisting of lactose (See Manufacturer's Information for preparation details).

Of the 566 participants that reported results for Item 1, 554 (97.9%) reported tramadol. Eleven participants reported "No controlled substance detected/identified", but all mentioned tramadol in the additional comments. Tramadol is not a controlled substance in all jurisdictions. The remaining participant reported "Controlled Substance(s) detected/identified", but did not report the name of the controlled substance. For Item 2, 560 (98.9%) of 566 participants reported "No controlled substance detected/identified". Of the remaining participants, four reported "Controlled Substance(s) detected/identified", but did not report the name of the controlled substance and two reported tramadol.

The most common examination methods utilized for both Items include GC/MS, color tests, and FTIR.

# Drug Analysis (Item 1)

WebCode	Controlled Substance Detected	WebCode	Controlled Substance Detected
23T4YD	Material containing Tramadol - Federal	3GYMVH	Tramadol
	Schedule IV controlled substance (a non-controlled substance in [State]).	3JXRR6	Tramadol
24ZFGF	Tramadol	3KNQ63	Tramadol
28JHHT	Tramadol	3MUM2R	tramadol
29TCB8	No controlled substance detected/identified;	3P9C9G	Tramadol
	Sample contains tramadol hydrochloride and lactose.	3PWHTG	Tramadol (salt form not determined)
29VACV	Tramadol	3TFDQ8	Tramadol
29XRQU	Tramadol	3V6M3U	Tramadol
2ARM6P	Tramadol	3WGLUH	Tramadol
2CDE3D	Tramadol	44ENHE	Tramadol
2H29V6	Tramadol	46L3T2	Tramadol
2HGGVT	Tramadol	46WD72	Tramadol
2JZ8ED	Tramadol	4BDANG	Tramadol
2K8PBN	Tramadol	4BUEVU	Tramadol
2V782Q	Tramadol	4BWYPN	Tramadol
2VVBNY	Tramadol	4CB9ZA	Tramadol
2XTYYE	Tramadol	4CQRK8	Tramadol
32AT6D	Tramadol	4FAMJT	Tramadol
33KBQ4	Tramadol	4LEEWW	Tramadol
34RYFU	Tramadol	4M36RA	Tramadol
376DGA	tramadol	4MNHFM	Tramadol
37NAXG	Tramadol	4PWN2N	tramadol
39RUVN	Tramadol	4WECFQ	Tramadol
3ANJTQ	Tramadol	4WUDJT	Tramadol schedule IV
3AY7HR	Tramadol	4WVBTN	Tramadol detected, no reference material available
3DA6WY	Tramadol	4Y3MBP	Tramadol
3G9L89	Tramadol		
		66PNEA	Tramadol

WebCode	Controlled Substance Detected	WebCode	Controlled Substance Detected
67ATFR	Tramadol	7EM69J	No controlled substance detected/identified; Tramadol was detected in Item 1a.
67DFTY	TRAMADOL	7G8X2D	Tramadol
6C6DTN	Indicates tramadol. No reference material available.	7KBMQZ	Tramadol
6DDMQM		7KPBP8	Tramadol
6DHYP6	Tramadol	7KYU6Y	Tramadol
6DVR7Z	Tramadol	7T3C2A	Tramadol
6EBUCD	Tramadol	7UFWRY	Tramadol
6J42L9	Tramadol	7XVBDJ	Tramadol
6JHLYQ	Tramadol	7XXWD7	Tramadol
6JYVWY	Tramadol	7YD32W	tramadol
6N39DX	Tramadol	82EU6T	Tramadol
6NWZ3P	Tramadol	836UAR	Tramadol
6NZFHB	tramadol	84LUNE	Tramadol
6PKRGF	tramadol (schedule 4 of the controlled	84YF3H	Tramadol
	substances act)	86WUMU	Tramadol
6Q3JRK	Tramadol	87QPY6	Tramadol
6QM6VW	Tramadol	8843VE	Tramadol
6QXFZE 6RYU3F	Tramadol Tramadol	88LZ3K	TRAMADOL - detected. No reference material available for identification.
6UKMVA	Tramadol	8ANBNM	Tramadol
6VH4VD	Tramadol	8DRM42	Tramadol (Federally)
6VYA6C	Tramadol ( Schedule IV)	8G6L2M	Tramadol - Sch IV
6XP844	Tramadol (Federally controlled)	8HLP3U	Tramadol
73VDQZ	Tramadol	8JU449	Tramadol
749XHA	Tramadol	8L364L	tramadol
74N7LJ	No controlled substance detected/identified	8L3ZQX	Tramadol
77UUZ9	Tramadol	8RBEJV	Tramadol
7C4WFB	tramadol	8TJRYB	Contains Tramadol
7DYH6V	Tramadol		
		I	

WebCode	Controlled Substance Detected	WebCode	Controlled Substance Detected
8UVGA2	Tramadol - Federally controlled substance but not controlled by [State] statutes.	AAJA2R	Item 1 to contain Tramadol
8UZL4R	Tramadol	AAXUPV	Tramadol
8VANX4	Tramadol	ABPYX9	Tramadol
8WNFKT	Tramadol	AG3NUP	Tramadol - a non-controlled substance in
8YBUDA	Tramadol		[State]. Tramadol is a Federal Schedule IV controlled substance.
	Tramadol	AGDMRE	Tramadol - A non-controlled substance in
8Z6PR6			[State]; however, Tramadol is a Federal Schedule IV controlled substance.
93KEQ9	Tramadol	AGF6YQ	TRAMADOL
97LHFA	Tramadol	AM23KR	Tramadol
98YYQ3	Tramadol	AM8AUF	No controlled substance detected/identified
996LZZ	Tramadol	ANFT8G	Tramadol hydrochloride, Lactose
99WFVC	Tramadol	anlrxk	Tramadol
9A6HVP	Tramadol, a schedule IV controlled narcotic substance	AP7WZN	TRAMADOL
9BLMFA	Tramadol	aqpp9d	Contains Tramadol
9CAEUY	Tramadol Hydrochloride	ATDWUV	Tramadol
9efrnj	(Tramadol)	AV2K3P	Tramadol
9GYXVT	Tramadol	AVF7CR	Tramadol
9HE4L6	Tramadol; Federal Schedule IV; State of	AVX2VD	Tramadol
	[State]=Misdemeanor Tramadol	AZBZAT	Tramadol
9JVXME 9K66P8	Tramadol	B7FU8U	Tramadol
	Tramadol	B7FZG2	Tramadol
9MAVWM	Tramadol found	B7GNQZ	Tramadol
9U8CJL	TRAMADOL WITH LACTOSE	<b>B8MAEZ</b>	Tramadol (CIV)
9V4UCB		BAG2K6	Tramadol
9W26M6	Tramadol	BCHCX7	Tramadol
9X9FB9	Tramadol	BDKNCN	Tramadol
A292LC	Tramadol	BHUZ9N	Tramadol
A2AUJJ	Tramadol	BKXQF4	Tramadol (Schedule IV)
A8FH2R	Tramadol	-	. ,

WebCode	Controlled Substance Detected	WebCode	Controlled Substance Detected
BNFTKN	tramadol	DH7FCF	Tramadol
BX7KN9	Tramadol	DJWJ6W	tramadol
BYJ3TY	Tramadol identified	DLNFRW	Tramadol
C44RKM	tramadol - Schedule IV (federal), Non-controlled ([State])	DLZEM6	Tramadol
C6LLJB	Tramadol	DPFYJT	Tramadol
C8A9Z6	Tramadol	DPHNPB	No controlled substance detected/identified
CAQG3B	Tramadol	DUBM3L	Tramadol
CCMNXA	Tramadol	DW4G4V	Tramadol
CNA82D	Tramadol	DWKNDK	Tramadol
CNUTPX	Tramadol	DZLRYE	Tramadol. No confirmatory tests were performed.
CQFLEK	Tramadol	E24HCN	Tramadol
CTPDZ9	Tramadol	E2836X	Tramadol
CUW4HN	Tramadol hydrochloride	E4JJW4	Tramadol.
CVWUWJ	TRAMADOL	E4WBCE	Tramadol
CW73YC	Tramadol, see additional comments.	E6AW9U	tramadol
CW7TE8	Tramadol	E7QQA6	Tramadol
CXE4YP	On analysis, I found Item 1 to contain Tramadol.	EBXJ2E	Tramadol
CYD64V	Tramadol	ED44PE	Tramadol
CZJRCT	Tramadol	EDJA3J	Tramadol
D6RJYC	Tramadol	EF9GMF	Tramadol, a Schedule IV Controlled Substance was detected.
D77WPU	Tramadol	EFPUQJ	Tramadol
D78VKN	Tramadol	EG47M4	Tramadol
D8JFLK	Tramadol	ehghwu	Tramadol
D8KGFJ	Tramadol	ejqrm7	Tramadol
DDRW3L	Tramadol	ELBUZ6	Tramadol
DE244T	Tramadol	ENZ2K2	Tramadol
DE8VTQ	Tramadol	ER4RX9	Tramadol
DGKZND	Tramadol		

WebCode	Controlled Substance Detected	WebCode	Controlled Substance Detected
ETB6FA	No controlled substance detected/identified; Tramadol	GMHT8J	Item 1 found to contain Tramadol
ETDULT	Tramadol	GPNB9Z	Tramadol
EU6XBT	Tramadol	GPQNMG	Tramadol - a non controlled substance in [State]. Tramadol is a Federal Schedule IV
EUCT62	Tramadol		controlled substance. Net weight of material- 0.25 ( $\pm$ 0.02) gram.
EY8HUK	tramadol	GQ4DUZ	Tramadol
EZJDDR	Tramadol	GQEF28	Tramadol
F2RWRU	Tramadol	GVB4HE	Tramadol
F3GEF9	Tramadol	GVDMTW	tramadol
F4ZWXL	Tramadol	GVELNP	Tramadol
F6PC23	Contains Tramadol	GVJRGL	Tramadol
F9UWBW	Tramadol	GYYBJN	Tramadol
FAPECX	Tramadol	GZ9E2T	Tramadol
FB826J	Tramadol	GZRD3X	Tramadol
FEP2MK	Tramadol	GZU39F	tramadol
FEXZZU	Tramadol	H3TPD4	Tramadol IV
FHBYYG	Tramadol	Н6НҮКЈ	No controlled substance detected/identified
FHCQWP	Tramadol	HAPK9G	Tramadol
FUAKDT	Tramadol	HCEQTD	Tramadol Hydrocloride
FWAYWC	Tramadol detected. No reference material available.	HDBHMY	Tramadol
FXP6AF	Tramadol	HJ4DXJ	Tramadol (CIV)
FZA3QJ	Tramadol- Fed. Schedule IV; Non-controlled	HM4JCP	Tramadol
12,10 43	in [State].	HMDMR9	Tramadol
FZE969	Tramadol	HQCAZ4	Tramadol/ Schedule IV
G3YF6V	Tramadol	HQGHCW	Tramadol
G8P2P4	tramadol detectado en el punto 1	HQZ2JP	Tramadol
GGC7PF	Tramadol	J3R4LH	Tramadol
GHB3K6	TRAMADOL.	J79LMY	Controlled substance(s) detected/identified
GHL8H2	Tramadol. Controlled. Whit. UNODC List IV	J7WMTQ	Tramadol

WebCode	Controlled Substance Detected	WebCode	Controlled Substance Detected
J9UCN4	Contains Tramadol	K9GX3F	Tramadol
JA7YE6	No controlled substance detected/identified	KA2YTV	Tramadol
JAQMND	Tramadol	KA97UW	Tramadol
JB4DVW	tramadol	KAMPN2	Tramadol
JC8BPC	Tramadol	KCNPUZ	No controlled substance detected/identified; we have found tramadol and lactose
JD87PV	Tramadol	KERHNY	Tramadol
JE4QB9	Tramadol	KGTA2Y	Tramadol
JHP9UE	Tramadol	KK8WL6	Tramadol
JJZ8TU	Tramadol	KKKDUD	Tramadol
JK9E2P	Tramadol	KLGWQC	Tramadol
JNM4F7	Tramadol	KRQ3HC	Tramadol
JP6WPG	Tramadol - Schedule IV (NC in [State])	KRQ3KX	Tramadol
JP6XAE	Tramadol	KTGAGF	TRAMADOL
JPM3TD	Tramadol	KWDWB4	No controlled substance detected/identified
JQ2CYT	Tramadol		
JTY2V7	tramadol	KZCAW8	Tramadol, CIV
JV93ZD	Tramadol	KZHDWE	Tramadol - Schedule IV Federally CS (Not controlled in [State])
JVV9LX	Tramadol	KZXWEQ	Tramadol
JWFC3H	Tramadol	KZYP4X	Tramadol
JY8ACB	Tramadol	L4PJE4	Tramadol Hydrochloride
JYLYD2	Tramadol/ Schedule IV	L7K2TC	Tramadol
JZ6HX2	Tramadol	LCZVDM	Tramadol Hydrochloride
JZ884J	Tramadol	LD66W9	Tramadol
K4EBYQ	Tramadol	LGHZHX	Tramadol
K4TMQ4	Tramadol	LLCTLZ	Tramadol
K74JDL	Tramadol	LQM4C9	Tramadol
K7JYCU	Tramadol	LR2G9J	Tramadol
K8EJ6L	Tramadol	LRGRWP	Tramadol
K8LDDV	Tramadol	LRHDVQ	Tramadol
	·		

WebCode	Controlled Substance Detected	WebCode	Controlled Substance Detected
LVDFBC	Tramadol Found C-IV	N7DN9M	Tramadol
LX8TLJ	Tramadol	N7F97N	Tramadol
LZDFW3	Tramadol	NA7YV7	Tramadol
LZEBKE	Tramadol	NAEHE6	Tramadol
lzhtqq	Tramadol	NAVPBL	Tramadol Hydrochloride
M2XVF9	Tramadol HCI	NCV6F4	Tramadol
M332BB	Tramadol	NHMABT	TRAMADOL found
МЗНН9Р	tramadol	NL82XG	tramadol
M3LZBU	Tramadol	NLKU8P	Tramadol
M6KGGW	Tramadol	NNR7WD	Tramadol
M7V8L8	Tramadol	NUZETA	Tramadol
MG3XCP	Tramadol - CDS IV	NWAEXG	Tramadol
MGDY24	Tramadol	NXX4NN	Tramadol
MGFN8L	tramadol	NZP2GN	Tramadol
MJ4XGM	Tramadol	P6CCLJ	Tramadol
MKHDXA	TRAMADOL	P6WWPV	Tramadol
MMY2X9	Tramadol	PAAF7C	Tramadol
MQNB4T	Tramadol	PAM4D6	Tramadol
MTUJML	Tramadol	PCX62P	Tramadol
MVKNBQ	Tramadol CIV	PFEDKH	Tramadol chlorhydrate : 21,3 %; Lactose : 78,5 %
MWBR4X	Tramadol	PHNLLF	Tramadol
MX7KTP	Tramadol	PHXMCU	Tramadol
MZC6FP	Tramadol	PJUZW3	Tramadol
N2G2EY	Tramadol	PL7L2V	Tramadol
N47BLE	No controlled substance detected/identified; the controlled substance found is tramadol	PL7L2V PLGQX7	Tramadol
N4JYM7	Tramadol	PXDJZ4	Tramadol
N4QYU2	Tramadol	PY4V73	TRAMADOL
N7CUJF	Tramadol	Q38RNB	Tramadol

WebCode	Controlled Substance Detected	WebCode	Controlled Substance Detected
Q6NFNA	Laboratory analysis determined the presence	RRUJ22	Tramadol
	of Tramadol, a Schedule IV controlled substance. Alpha Lactose, a non controlled	RRX4RP	Tramadol Hydrochloride.
	substance, was also present in the sample.	RU7ZRL	Contains Tramadol
Q8DM97	Tramadol	Rykncj	Tramadol
QCPH2M	Tramadol	RZPCH9	Tramadol
QK2RG3	Tramadol	RZUHB4	tramadol
QKAPUD	Tramadol	ТЗВКҮМ	Tramadol
QKTAYK	Tramadol (Schedule IV) was identified in Exhibit 1 (white powder).	T3E37X	Tramadol
QL2KK3	Tramadol	T3XLB6	Tramadol
QL64JQ	No controlled substance detected/identified	T6KE9T	Contains tramadol
QQ7PP8	Tramadol, the salt form was not determined	T6KGXX	Tramadol is present.
QQNEB9	TRAMADOL	T6LAV7	Tramadol - Federal Schedule IV Controlled
QY8L6Y	Tramadol		Substance. A non-controlled substance in [State].
QYMV7C	Tramadol	T82WW4	Tramadol
QZUC4H	Tramadol	T8QUNC	tramadol
R2Q3X4	Item 1 was found to contain tramadol.	T94F8L	Tramadol
R6TYKC	Tramadol	T9Y8UT	Tramadol/ Schedule IV
R8YE3G	tramadol (Federal only)	TA2LWT	Tramadol
R97UAM	Tramadol	TAJJBE	Tramadol (Controlled federally)
RACKW4	Tramadol	TAXAW4	Tramadol
RAGJNT	Tramadol	TDC2VJ	Tramadol (salt form not determined)
RB77PU	the controlled substance found is tramadol	TER8NF	Tramadol
RCTFX4	tramadol (Schedule IV)	TF2A3Y	Tramadol
RGG8WK	No controlled substance detected/identified	TF8FQN	Tramadol
RJPF76	Tramadol	TFXMN7	Tramadol
RMQC4C	Tramadol	TGQJ79	Tramadol
RPDV23	Tramadol	TKD7TU	Tramadol
RRGVWU	Tramadol	TLPVBL	Tramadol
		TLQG9M	Tramadol

WebCode	Controlled Substance Detected	WebCode	Controlled Substance Detected
TTUMNP	Contains Tramadol. As of 9/1/2017, a penalty group 3 substance.	VCBUGW	Tramadol
TYXLZZ	Tramadol	VG2A64	Tramadol, Schedule IV
TZ9HHX	Tramadol	VH23A3	Tramadol (C-IV)
U2JQ9X	TRAMADOL	VH7NUP	Tramadol
U6Z8DV	tramadol	VKCXZ2	Tramadol
U7A2AV	Tramadol	VMQM8R	the controlled substance found is tramadol
U86R4G	Tramadol	VMVUKK	Tramadol
	Tramadol	VP2E8K	Tramadol
UAU4Z2	Tramadol	VR6BTA	Tramadol
UCJBGH		VRUG7L	Tramadol
UERDJF	Tramadol	VV88KP	Substance contains tramadol
UH6CH3	Tramadol	W4ZR93	Tramadol
UKVEJA	Tramadol	W76K32	Tramadol
UL3NLF ULJ3R4	Tramadol Tramadol	W79367	Tramadol (C-IV) was identified in Exhibit 1 (white powder).
UM2QNQ		W7PW7F	Tramadol
	Pharmaceutical tramadol was indicated	W9VGXM	TRAMADOL
UMY98T UPLXDR	Tramadol No controlled substance detected/identified	WAZ6Z6	No controlled substance detected/identified; Item 1 was found to contain tramadol
UQY9QY	Tramadol Hydrochloride	WCR9LK	Tramadol
UT99XR	Tramadol	WCUX7A	tramadol - federally controlled
UVETKR	Tramadol was detected by UV and GCMS.	WD6XU4	Tramadol Hydrochloride
UVFLJY	Tramadol - Controlled Substance	WGZKPD	Tramadol
V2VMD3	Tramadol	WHHP8B	Tramadol
V2Y9QA	Tramadol	WPZTK7	Tramadol
V38L7Q	Tramadol	WTH69A	Tramadol (Salt form not determined)
V3JERR	Tramadol	WTLV86	Tramadol
V4ZDAW	Tramadol	WV29TZ	Tramadol
V7QDLY	Tramadol	WVMVAM	Tramadol
V9BEEZ	Tramadol	WVNKNR	Tramadol

WebCode	Controlled Substance Detected	WebCode	Controlled Substance Detected
WWC3GD	Tramadol	XX84YN	tramadol
WXC3UK	Tramadol HCI	XZWC76	Tramadol
X4T37N	Tramadol	Ү2МҮ9К	Tramadol
X6NECP	No controlled substance detected/identified	Y3EZWV	Tramadol
X97RYY	No controlled substance detected/identified;	Y4BKTV	Tramadol
	Analysis of powder indicated the presence of tramadol based on library search only. No	Y8ALAR	Tramadol
	reference material available in our laboratory. Tramadol is not a controlled	Y8N8KE	Tramadol
	drug under [Country] legislation	Y92U6E	Tramadol
X97RZJ	Tramadol	YBUG7H	Tramadol
XBFQA8	TRAMADOL	YC6E68	Tramadol
XCC9F3	Tramadol	YDWLBP	Tramadol
XEP9X2	Tramadol	YGYJLH	Tramadol
XETNGU	Tramadol	YJJF4G	Tramadol
XF6GGN	Tramadol	YJWWDN	Tramadol
XFTHME	Tramadol	YKTDPL	Tramadol
XG2NTN	Tramadol/ Schedule IV	YL3KQT	Tramadol
XHX736	tramadol (schedule IV)	YM4CYM	Tramadol
XJPFM7	Tramadol	YQG9CB	Tramadol
XK92UN	Tramadol	YWA4KA	tramadol
XKYBEP	Tramadol	YXPBWJ	Tramadol
XL2UP8	Tramadol	YY3WJZ	Tramadol
XLB4ZQ	No controlled substance detected/identified; Tramadol	YYB3NN	Tramadol Schedule IV
XLT9JP	Tramadol	YYFN9B	tramadol
XLVLEY	Tramadol	YYXDWW	Tramadol
XPTCBC	Tramadol	YZL3M4	Tramadol
XVHQKC	Tramadol	Z22RF8	Tramadol
XVX4P2	material containing Tramadol - a	Z26AMJ	Tramadol
	non-controlled substance in [State]. Tramadol is a Federal Schedule IV	Z6Y9T2	Tramadol
	controlled substance.	Z94R4G	Tramadol

WebCode	Controlled Substance Detected	WebCode	Controlled Substance Detected	
Z9ERM4	Tramadol			
Z9Y938	Tramadol			
Z9ZAW6	Tramadol			
ZF4C27	Tramadol			
ZFJBJA	Tramadol was identified, C-IV.			
ZG77NP	tramadol			
ZG9W8	Tramadol			
ZH8UEF	Tramadol			
ZJZYK9	Tramadol - Federal Schedule IV drug			
ZNA79R	Tramadol indicated. No reference material available.			
ZNVJYP	Tramadol			
ZQC3MZ	Tramadol			
ZTPDWQ	No controlled substance detected/identified			
ZUGLRN	Tramadol			
ZUXXBE	Tramadol			
ZVYCDE	Tramadol			
ZXXVXZ	Tramadol			
ΖΥΑΗΚΚ	Contains Tramadol (presumptive identification only)			
ZYRKDE	Tramadol			
ZYUAJX	Tramadol			
ZZ4J8N	Tramadol indicated			
	Response Summary - Item 1 Participants: 566			
Tramadol hydrochloride: 554				

No controlled substances: 11

Other: 1

# **Examination Methods (Item 1)**

WebCode	Color	FTIR	LC Crystal	GC	UV	TLC	GC/MS	Micro	Other
23T4YD	1	1					1		Retention time comparison to standard
24ZFGF		1				1	1		
28JHHT		1					1		DSA-TOF
29TCB8	1	1				1	1	1	Anion tests
29VACV	1	1					1		
29XRQU	1						1		
2ARM6P				1			1		
2CDE3D					1		1		
2H29V6		1					1	1	DART/TOF-MS, Weight determination
2HGGVT							1		
2JZ8ED	1	1			1		1		
2K8PBN	1	1		1			1		
2V782Q				1			1		
2VVBNY		1					1		Retention Time used for confirmation
2XTYYE	1						1		
32AT6D	1						1		
33KBQ4	1						1		
34RYFU	1						1		
376DGA	1	1			1		1		
37NAXG							1		Handheld Raman (TruNarc)
39RUVN	1						1		
3ANJTQ	1						1		
3AY7HR		1					1		
3DA6WY	1						1		
3G9L89	1						1		
3GYMVH	1						1		
3JXRR6							1		GC - Retention time
3KNQ63	1	1			1		1		
3MUM2R		1					1		
3P9C9G				1			1		

WebCode	Color	FTIR	LC Crystal	GC	UV	TLC	GC/MS	Micro	Other
3PWHTG	1		1				1		Retention time match on GC/MS with a known reference sample of tramadol. A variety of samples sizes and methods were used for analysis.
3TFDQ8	1	1					1		Retention Time
3V6M3U	1						1		
3WGLUH	1	1			1		1		
44ENHE		1				1	1		
46L3T2		1					1		LC/MS/MS, HRMS
46WD72	1				1		1		
4BDANG							1		
4BUEVU	1	1		1			1		
4BWYPN	1			1			1		
4CB9ZA	1	1			1		1		
4CQRK8							1		GC-FID
4FAMJT	1			1			1		
4LEEWW	1						1		
4M36RA	1						1		
4MNHFM				1			1		GC-FTIR
4PWN2N	1	1					1		
4WECFQ	✓			1			1		
4WUDJT	✓						1		
4WVBTN	✓						1		
4Y3MBP	✓	1		1			1		
66PNEA	✓	1		1			1		
67ATFR	✓						1		
67DFTY							1		
6C6DTN	✓						1		
6DDMQM	1						1		
6DHYP6		1					1		LCMS
6DVR7Z		1					1		LC - MS (Accurate Mass + MS/MS)
6EBUCD	1	1				1	1		
6J42L9	1	1			1		1		
6JHLYQ							1		
6JYVWY							1		UPLC-QTOFMS

WebCode	Color	FTIR	LC Crystal	GC	UV	TLC	GC/MS	Micro	Other
6N39DX	1						1		
6NWZ3P	1			1			1		
6NZFHB	1						1		
6PKRGF	1	1					1		
6Q3JRK	1						1		
6QM6VW	1						1		
6QXFZE	1						1		
6RYU3F		1			1		1		
6UKMVA	1				1		1		
6VH4VD							1		Raman
6VYA6C	1			✓		1	1		DART-TOF
6XP844	1	1					1		
73VDQZ	1	1					1		
749XHA	1						1		
74N7LJ	1						1		
77UUZ9	1						1		
7C4WFB	1	1					1		
7DYH6V	1	1					1		
7EM69J	1		1			1	1		
7G8X2D	1	1					1		
7KBMQZ	1						1		
7KPBP8	1	1					1		
7KYU6Y	1				1		1		
7T3C2A				1			1		
7UFWRY		1	1				1		
7XVBDJ	1						1		
7XXWD7	1						1		
7YD32W	1						1		
82EU6T	1						1		
836UAR	1						1		
84LUNE	1	1			1		1		
84YF3H				1			1		
86WUMU	1	1			1		1		
87QPY6			1				1		
8843VE		1			1		1		

WebCode	Color	FTIR	LC Crystal	GC	UV	TLC	GC/MS	Micro	Other
88LZ3K	1						1		
8ANBNM		1					1		
8DRM42		1					1		Retention Time by GC/MS
8G6L2M		1					1		
8HLP3U	1						1		
8JU449	1			1			1		DART-TOF
8L364L		1					1		
8L3ZQX	✓						1		
8RBEJV	1						1		
8TJRYB	1	1			1		1		
8UVGA2				1			1		GC-Retention Time
8UZL4R	1	1			1		1		
8VANX4							1		LC/MS
8WNFKT							1		
8YBUDA	1						1		Handheld Raman Spectroscopy
8Z6PR6	1						1		Raman
93KEQ9	1	1					1		
97LHFA	1	1			1		1		
98YYQ3	1	1					1		
996LZZ		1					1		
99WFVC	1						1		
9A6HVP	1						1		
9BLMFA	1	1			1		1		
9CAEUY	1	1					1		
9EFRNJ		1				1	1		
9GYXVT							1		
9HE4L6	1				1		1		
9JVXME	1	1			1		1		
9K66P8	1			✓		1	1		DART-TOF MS
9MAVWM		1					1		
9U8CJL	1	1			1		1		
9V4UCB	1	1					1		
9W26M6		1			1		1		
9X9FB9	1						1		
A292LC	1	1			1		1		

WebCode	Color	FTIR	LC Crystal	GC	UV	TLC	GC/MS	Micro	Other
A2AUJJ	1						1		
A8FH2R	1						1		
AAJA2R	1						1		
AAXUPV	1						1		
ABPYX9							1		NMR
AG3NUP	1	1	1				1		
AGDMRE	1	1	1				1		
AGF6YQ	1						1		
AM23KR							1		
AM8AUF	1						1		
ANFT8G		1					1		
ANLRXK	1	1					1		
AP7WZN							1		
AQPP9D	1				1		1		
ATDWUV				1			1		GC-FID
AV2K3P	1						1		Weight determination
AVF7CR	1						1		
AVX2VD	1						1		
AZBZAT							1		
B7FU8U	1			1			1		ATR
B7FZG2		1				1	1		
B7GNQZ							1		
<b>B8MAEZ</b>	1						1		
BAG2K6	1	1					1		LC/MS (ion trap)
BCHCX7	1						1		
BDKNCN	1			1			1		
BHUZ9N							1		
BKXQF4	1	1					1		
BNFTKN	1					1	1		
BX7KN9	1				1		1		
BYJ3TY		1					1		LC/MS
C44RKM	1	1					1		
C6LLJB	1				1		1		
C8A9Z6		1			1	1	1		
CAQG3B	1						1		

WebCode	Color	FTIR	LC Crystal	GC	UV	TLC	GC/MS	Micro	Other
CCMNXA	1	1					1		
CNA82D	1	1					1		
CNUTPX	1	1					1		
CQFLEK							1		
CTPDZ9	1	1			1		1		
CUW4HN	1					1		1	Raman Spectroscopy
CVWUWJ		1					1		
CW73YC	1						1		
CW7TE8					1	1	1		
CXE4YP	1						1		
CYD64V		1					1	1	Direct analysis in real time/time-of-flight mass spectrometry
CZJRCT		1					1		LC - MS/MS
D6RJYC						1	1		
D77WPU		1		1			1		
D78VKN	1	1					1		
D8JFLK			1				1		
D8KGFJ	1			1			1		
DDRW3L							1		weight determination
DE244T	1	1		1					
DE8VTQ		1					1		LC/MS
DGKZND	1	1					1		
DH7FCF	1			1			1		
DJWJ6M	1						1		
DLNFRW	1						1		
DLZEM6	1	1			1		1		
DPFYJT	1						1		
DPHNPB	1						1		
DUBM3L	1	1					1		
DW4G4V	1	1			1		1		
DWKNDK	1						1		GC/FID
DZLRYE	1						1		
E24HCN	1						1		Raman
E2836X		1					1		
E4JJW4	1	1					1		

WebCode	Color	FTIR	LC Crystal	GC	UV	TLC	GC/MS	Micro	Other
E4WBCE							1		Raman
E6AW9U	1						1		
E7QQA6	1				1		1		
EBXJ2E	1	1					1		
ED44PE		1					1		
EDJA3J	1	1				1	1		
EF9GMF		1					1		
EFPUQJ	1						1		Net Weight
EG47M4							1		
EHGHWU	1	1					1		
EJQRM7	1	1			1		1		
ELBUZ6	1	1					1		Lactosa
ENZ2K2	1	1		1			1		
ER4RX9	1						1		
ETB6FA						1	1		
ETDULT	1	1		1			1		
EU6XBT	1	1					1		
EUCT62	1				1		1		
EY8HUK	1		1			1	1		
EZJDDR	1			1			1		
F2RWRU	1	1					1		
F3GEF9	1						1		
F4ZWXL	1	1					1		
F6PC23	1	1			1		1		
F9UWBW	1						1		
FAPECX	1						1		
FB826J	1	1			1		1		
FEP2MK							1		Raman spectroscopy
FEXZZU	1						1		
FHBYYG							1		
FHCQWP	1	1		✓			1		
FUAKDT	1						1		
FWAYWC	1						1		
FXP6AF	1						1		
FZA3QJ	1	1					1		

WebCode	Color	FTIR	LC Crystal	GC	UV	TLC	GC/MS	Micro	Other
FZE969	1	1					1		
G3YF6V	1	1					1		
G8P2P4	1						1		
GGC7PF	1	1		1			1		
GHB3K6					1		1		
GHL8H2	1	1					1		
GMHT8J	1						1		
GPNB9Z							1		
GPQNMG	1	1					1		
GQ4DUZ	1				1		1		
GQEF28	1	1					1		
GVB4HE	1						1		
GVDMTW	1	1					1		
GVELNP		1					1		
GVJRGL	1	1			1		1		
GYYBJN	1				1		1		
GZ9E2T	1	1					1		
GZRD3X	1	1			1		1		
GZU39F	1	1		1			1		
H3TPD4	1	1		1			1		
Н6НҮКЈ		1					1		
НАРК9G	1						1		Weight Analysis
HCEQTD		1					1		
HDBHMY	1						1		
HJ4DXJ	1						1		
HM4JCP				1			1		[GC: "Rt"]
HMDMR9	1						1		
HQCAZ4	1	1					1		
HQGHCW	1						1		
HQZ2JP	1						1		
J3R4LH							1		
J79LMY	1				1		1		
J7WMTQ							1		LC/MS
J9UCN4	1	1			1		1		
JA7YE6	1	1					1		

WebCode	Color	FTIR	LC Crystal	GC	UV	TLC	GC/MS	Micro	Other
JAQMND	1						1		
JB4DVW	1						1		
JC8BPC	1						1		
JD87PV	1	1					1		
JE4QB9	1			1			1		
JHP9UE	1		1			✓	1		
JJZ8TU	1			1			1		
JK9E2P	1			1			1		FTIR with ATR accessory
JNM4F7	1	1					1		
JP6WPG	1	1					1		
JP6XAE	1	1		1			1		
JPM3TD	1						1		
JQ2CYT							1		GC/FID
JTY2V7						✓	1		
JV93ZD	1	1		1			1		
JVV9LX	1	1			1		1		
JWFC3H							1		
JY8ACB	1						1		
JYLYD2	1	1					1		
JZ6HX2		1			1		1		
JZ884J	1						1		
K4EBYQ	1						1		TruNarc Raman
K4TMQ4							1		LC/MS/MS
K74JDL	1						1		
K7JYCU		1					1		
K8EJ6L	1						1		
K8LDDV	1	1					1		
K9GX3F	1						1		
KA2YTV	1						1		
KA97UW	1	1					1		
KAMPN2	1						1		
KCNPUZ	1	1					1		
KERHNY							1		
KGTA2Y							1		TruNarc Raman Spectrometer
KK8WL6	1			1			1		

WebCode	Color	FTIR	LC Crystal	GC	UV	TLC	GC/MS	Micro	Other
KKKDUD	1						1		
KLGWQC	1						1		
KRQ3HC	1	1		✓			1		
KRQ3KX	1				1		1		
KTGAGF	1						1		
KWDWB4	1						1		
KZCAW8	1	1					1		
KZHDWE	1	1					1		
KZXWEQ		1			1		1		
KZYP4X							1		
L4PJE4		1					1		DART
L7K2TC	1	1					1		
LCZVDM	1	1					1		
LD66W9	1			1			1		
LGHZHX	1				1	1	1		
LLCTLZ	1	1		1			1		
LQM4C9		1					1		
LR2G9J	1						1		
LRGRWP	1						1		
LRHDVQ	1						1		
LVDFBC	1						1		
LX8TLJ							1		GC-FID
LZDFW3	1						1		
LZEBKE	1						1		portable Raman
LZHTQQ	1			1			1		GC/IR
M2XVF9		1					1		Raman
M332BB	1						1		
МЗНН9Р	1						1		
M3LZBU	1						1		
M6KGGW		1			1		1		
M7V8L8		1		1			1		
MG3XCP	1	1		✓			1		
MGDY24				✓			1		
MGFN8L	1						1		
MJ4XGM	1	1							

MKHDXA       I       I       I         MMY2X9       I       I       I         MQNB4T       I       I       DART         MUJINL       I       I       I         MVXNBQ       I       I       I         MX2GEY       I       I       I         NZGEY       I       I       I         NTCUF       I       I       I         NTCUF       I       I       I         NTCUF       I       I       I         NAPBL       I       I       I         NKB2XG       I       I       I         NKB2XG       I       I       I	WebCode	Color	FTIR	LC Crystal	GC	UV	TLC	GC/MS	Micro	Other
MQNB4T       I       I       DART         MTUJML       I       I       I         MTUJML       I       I       I         MTUJML       I       I       I         MTRMR       I       I       I         MWRMX       I       I       I         MWRMX       I       I       I         MWRMX       I       I       I         MXTKTP       I       I       I         MZCGEP       I       I       I         M2G2EY       I       I       I         N47BL       I       I       I         N47BL       I       I       I         N47DIP       I       I       I         N42CUF       I       I       I         N2CUF       I       I       I         N2CUF       I       I       I         N2PD       I       I       I         N4PQYD       I       I       I         N4PH       I       I       I       I         NURBKK       I       I       I       I         N2PIS       I       I       I </td <td></td>										
MTUJML       I       I         MVKNBQ       I       I         MVKNBQ       I       I         MVBR4X       I       I         MVBR4X       I       I         MVZKTP       I       I         MZC6FP       I       I         N2G2EY       I       I         N2G2EY       I       I         N47BLE       I       I         N4QVU2       I       I      I	MMY2X9	1						1		
NVKNBQQ     I     I       NWBR4X     I       NWBR4X     I       NX7KTP     I     I       NXZC6FP     I     I       NZC262Y     I     I       NYTBLE     I     I       N47BLE     I     I       N47WJ7     I     I       N47WJ7     I     I       N47WJ7     I     I       N47WJ7     I     I       N7DIJ9M     I     I       N7DIJ9M     I     I       N7DIJ9M     I     I       NATYY7     I     I       NATHF6     I     I       NATHF6     I     I       NATHF6     I     I       NATHF7     I     I       NATHF6     I     I       NUZEIA     I     I </td <td>MQNB4T</td> <td>1</td> <td></td> <td></td> <td>1</td> <td></td> <td>1</td> <td>1</td> <td></td> <td>DART</td>	MQNB4T	1			1		1	1		DART
MWBR4X       I       I       I         MX7KTP       I       I       I         MX2C6FP       I       I       I         N2G2EY       I       I       I         N47BLE       I       I       I         N41YM7       I       I       I         N4QYU2       I       I       I       I         N4QYU2       I       I       I       I         N7DNPM       I       I       I       I         N7DPS7N       I       I       I       I         NAPBL       I       I       I       I         NAPRI       I       I       I       I         NAPBL       I       I       I       I         NVEXGG <td>MTUJML</td> <td>1</td> <td>1</td> <td></td> <td></td> <td></td> <td></td> <td>1</td> <td></td> <td></td>	MTUJML	1	1					1		
MX7KTP       I       I       I         MZCSFP       I       I       I         N42G2EY       I       I       I         N47BLE       I       I       I         N47BLE       I       I       I         N47WT       I       I       I         N4QYU2       I       I       I       I         N7CUJF       I       I       I       I         N7DN9M       I       I       I       I         N7TY7       I       I       I       I         NATV77       I       I       I       I         NATVPEL       I       I       I       I         NATVPEL       I       I       I       I         NATVPEL       I       I       I       I         NNRWD       I       I       I       I         NNRTWD       I       I       I       I         NVAEKG       I       I	MVKNBQ	1	1		1			1		
NZCGFP       ✓       ✓       ✓       ✓         N47BLE       ✓       ✓       ✓         N47BLE       ✓       ✓       ✓         N47BLE       ✓       ✓       ✓         N47BLE       ✓       ✓       ✓         N4QYU2       ✓       ✓       ✓         N4QYU2       ✓       ✓       ✓         N7CUJF       ✓       ✓       ✓         N7DN9M       ✓       ✓       ✓         N7F97N       ✓       ✓       ✓         NATW7       ✓       ✓       ✓         NK4PBL       ✓       ✓       ✓         NK4PBL       ✓       ✓       ✓         NK4NPN       ✓       ✓       ✓         NK4NPN       ✓       ✓       ✓         NVAEKG       ✓       ✓       ✓         NVAEKG       ✓       ✓       ✓	MWBR4X		1			1		1		
N2G2EY       I       I       I         N47BLE       I       I       I         N47WJ7       I       I       I         N4QYU2       I       I       I       I         N4QYU2       I       I       I       I         N7CUJF       I       I       I       I         N7DN9M       I       I       I       I         N7DN9M       I       I       I       I         N7DN9M       I       I       I       I         N7P97N       I       I       I       I         NATYV7       I       I       I       I         NVPBL       I       I       I       I         NULVBP       I       I       I       I	MX7KTP	1				1		1		
N47BLE       I       I         N47WJ7       I       I         N4QYU2       I       I       I         N4QYU2       I       I       I         N7CUJF       I       I       I         N7DN9M       I       I       I         N7DN9M       I       I       I         N7DN9M       I       I       I         N47W2       I       I       I         N47W7       I       I       I         N47W8       I       I       I         N42WBL       I       I       I         N42WBL       I       I       I         NHMABT       I       I       I         NL82XG       I       I       I         NL82XG       I       I       I         NL82XG       I       I       I         NL82XG       I       I       I         NU2ETA       I       I       I         NX4NN       I       I       I       I         P6CCLI       I       I       I       I         P6WWPV       I       I       I       I <td>MZC6FP</td> <td>1</td> <td>1</td> <td></td> <td></td> <td></td> <td>1</td> <td>1</td> <td></td> <td></td>	MZC6FP	1	1				1	1		
N4JYM7       I       I         N4QYU2       I       I         N7CUJF       I       I         N7DN9M       I       I         N7F97N       I       I         NATYD7       I       I         NATHABH       I       I         NAVPBL       I       I         NCV6F4       I       I         NL82XG       I       I         NL82XG       I       I         NL82XG       I       I         NNR7WD       I       I         NUZETA       I       I         NX4NN       I       I         NX24NN       I       I         P6CLJ       I       I         PAF7C       I       I         PAM4D6       I       I         PFEDKH <tdi< td="">       I       I     <!--</td--><td>N2G2EY</td><td>1</td><td></td><td></td><td></td><td></td><td></td><td>1</td><td></td><td></td></tdi<>	N2G2EY	1						1		
NAQYU2       I       I       I         N7CUJF       I       I       I         N7DN9M       I       I       I         N7DN9M       I       I       I         N7F97N       I       I       I         NA7YV7       I       I       I         NA7YV7       I       I       I         NA4EHE6       I       I       I         NA4PBL       I       I       I         NAVPBL       I       I       I         NAVPBL       I       I       I         NAVPBL       I       I       I         NAVPBL       I       I       I         NR1MABT       I       I       I         NR2KG       I       I       I         NR7WD       I       I       I         NR2KGN       I       I       I         NXX4NN       I       I       I         NXX4NN       I       I       I         P6CLU       I       I       I       I         PAF7C       I       I       I       I         PAM4D6       I       I	N47BLE	1	1					1		
N7CUJF       I       I       I         N7DN9M       I       I       I         N7F97N       I       I       I         NA7YV7       I       I       I         NATYV7       I       I       I         NAFHE6       I       I       I         NAPBL       I       I       I         NAVPBL       I       I       I         NKV6F4       I       I       I         NK4PBL       I       I       I         NK482G       I       I       I         NK488P       I       I       I	N4JYM7		1					1		
N7DN9M       I       I         N7F97N       I       I         NA7YV7       I       I         NA7YV7       I       I         NATYV7       I       I         NAFHE6       I       I         NCV6F4       I       I         NE2XG       I       I         NL82XG       I       I         NL82XG       I       I         NUZETA       I       I         NVAEXG       I       I         NX4NN       I       I         NX4NN       I       I         P6CUI       I       I         PAAF7C       I       I         PAM4D6       I       I         PFEDKH <tdi< td="">       I       IC/Refractomet</tdi<>	N4QYU2	1	1		1			1		
N7F97N       ✓       ✓       ✓         NA7YV7       ✓       ✓       ✓         NA4PHE       ✓       ✓       ✓         NAVPBL       ✓       ✓       ✓         NCV6F4       ✓       ✓       ✓         NLK087       ✓       ✓       ✓         NLB2XG       ✓       ✓       ✓         NLKU8P       ✓       ✓       ✓         NLKU8P       ✓       ✓       ✓         NNR7WD       ✓       ✓       ✓         NUZETA       ✓       ✓       ✓         NX4NN       ✓       ✓       ✓         NX4NN       ✓       ✓       ✓         NZP2GN       ✓       ✓       ✓         P6CCLI       ✓       ✓       ✓         PAAF7C       ✓       ✓       ✓         PAAF7C       ✓       ✓       ✓         PCX62P       ✓       ✓       ✓	N7CUJF	1	1			1		1		
NA7YV7       ✓       ✓         NAEHE6       ✓       ✓         NAPBL       ✓       ✓         NAVPBL       ✓       ✓         NCV6F4       ✓       ✓         NLW2F4       ✓       ✓         NHMABT       ✓       ✓         NLB2XG       ✓       ✓         NLKU3P       ✓       ✓         NLKU3P       ✓       ✓         NLKU3P       ✓       ✓         NUZETA       ✓       ✓         NVAEXG       ✓       ✓         NZ2P2GN       ✓       ✓         P6CCLI       ✓       ✓       ✓         P6CCLI       ✓       ✓       ✓         PAAF7C       ✓       ✓       ✓         PAM4D6       ✓       ✓       ✓         PCX62P       ✓       ✓       ✓         PFEDKH       ✓       ✓       ✓       LC/Refractometer         PHNLLF       ✓       ✓       ✓       ✓	N7DN9M	1						1		
NAEHE6       I       I         NAVPBL       I       IC-MS, XRF         NCV6F4       I       I         NCV6F4       I       I         NHMABT       I       I         NL82XG       I       I         NU2ETA       I       I         NVAEXG       I       I         NX24NN       I       I         NZ22GN       I       I         P6CCLI       I       I         P6WVPV       I       I         P6WVPV       I       I         PAAF7C       I       I         PAM4D6       I       I         PFEDKH       I       I         P1       I       I	N7F97N	1	1			1		1		
NAVPBL       ✓       LC-MS, XRF         NCV6F4       ✓       ✓         NHMABT       ✓       ✓         NL82XG       ✓       ✓         NNR7WD       ✓       ✓         NVZETA       ✓       ✓         NVZETA       ✓       ✓         NX24NN       ✓       ✓         NZ22GN       ✓       ✓         PGCCLJ       ✓       ✓         P6WVPV       ✓       ✓         P6WVPV       ✓       ✓         PAAF7C       ✓       ✓         PAM4D6       ✓       ✓         PCX62P       ✓       ✓         PFEDKH       ✓       ✓       ✓         PHNLLF       ✓       ✓       ✓	NA7YV7	1						1		
NCV6F4       I         NHMABT       I         NHMABT       I         NL82XG       I         NNR7WD       I         NUZETA       I         NUZETA       I         NWAEXG       I         NWAEXG       I         NXX4NN       I         I       I         NX2P2GN       I         P6CCLJ       I         P6CCLJ       I         P6WWPV       I         P6WWPV       I         P6WWPV       I         PAAF7C       I         PAM4D6       I         I       I         PFEDKH       I         I       I         I       I         I       I         I       I         I       I         I       I         I       I         I       I         I       I	NAEHE6	1			1			1		
NHMABT       I       I         NL82XG       I       I         NLKU3P       I       I         NLKU3P       I       I         NNR7WD       I       I         NNR7WD       I       I         NUZETA       I       I         NWAEXG       I       I         NWAEXG       I       I         NX4NN       I       I         NZP2GN       I       I         P6CCLI       I       I         P6CCLI       I       I         PAAF7C       I       I         PAAF7C       I       I         PAM4D6       I       I         PFEDKH       I       I         PHNLLF       I       I	NAVPBL		1					1		LC-MS, XRF
NL82XG       I       I         NLKU8P       I       I         NLKU8P       I       I         NNR7WD       I       I         NUZETA       I       I         NWAEXG       I       I         NWAEXG       I       I         NWAEXG       I       I         NX4NN       I       I         NZP2GN       I       I         P6CCLJ       I       I         P6CCLJ       I       I         P6WWPV       I       I         P6WWPV       I       I         P6WWPV       I       I         P6WMPV       I       I         P6X62P       I       I         PFEDKH       I       I       I         PFEDKH       I       I       I         PFEDKH       I       I       I         PFEDKH       I       I       I	NCV6F4	1						1		
NLKU8P VLKU8P VL	NHMABT	1						1		
NNR7WD       ✓         NUZETA       ✓         NWAEXG       ✓         NWAEXG       ✓         NWAEXG       ✓         NXX4NN       ✓         ✓       ✓         NZP2GN       ✓         P6CCLJ       ✓         ✓       ✓         P6WWPV       ✓         ✓       ✓         PAAF7C       ✓         ✓       ✓         PAM4D6       ✓         ✓       ✓         PFEDKH       ✓         ✓       ✓         PHNLLF       ✓	NL82XG	1						1		
NUZETAImage: state of the state	NLKU8P	✓				✓		1		
NWAEXGINXX4NNINZP2GNIP6CCLJIIIP6WWPVIIIPAAF7CIIIPAM4D6IIIPEDKHIIIPHNLLFII <td>NNR7WD</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>1</td> <td></td> <td></td>	NNR7WD							1		
NXX4NN · · · · · · · · · · · · · · · · · ·	NUZETA	✓	1			✓		1		
NZP2GNIP6CCLJISSI - MS/MS (Orbitrap)P6WWPVIIP6WWPVIIPAAF7CIIPAM4D6IIPCX62PIIPFEDKHIIPHNLLFII	NWAEXG	1						1		
P6CCLJIESI - MS/MS (Orbitrap)P6WWPVIIP6WWPVIIPAAF7CIIPAM4D6IIPCX62PIIPFEDKHIIPHNLLFII	NXX4NN		1		1			1		
P6WWPVIIPAAF7CIIPAM4D6IIPCX62PIIPFEDKHIIPHNLLFII	NZP2GN							1		
PAAF7CIIPAM4D6IIPCX62PIIPFEDKHIIPHNLLFII	P6CCLJ		1					1		ESI - MS/MS (Orbitrap)
PAM4D6     I       PCX62P     I       PFEDKH     I       I     I       PHNLLF     I	P6WWPV		1			1		1		
PCX62P     Image: Comparison of the comp	PAAF7C	1	1					1		
PFEDKH     Image:	PAM4D6		1					1		
PHNLLF I I	PCX62P	1						1		
	PFEDKH	1		1				1		LC/Refractometer
PHXMCU 🗸 🖌 🗸	PHNLLF	1	1					1		
	PHXMCU	1	1					1		

WebCode	Color	FTIR	LC Crystal	GC	UV	TLC	GC/MS	Micro	Other
PJUZW3	1	1					1		
PL7L2V		1			1		1		
PLGQX7							1		
PXDJZ4		1					1		
PY4V73						1	1		
Q38RNB	1	1		1	1		1		
Q6NFNA	1	1		1			1		Raman Spectroscopy
Q8DM97	✓		1				1		
QCPH2M	1	1					1		
QK2RG3	1						1		
QKAPUD	1				1		1		
QKTAYK		1	1				1		
QL2KK3	1	1					1		
QL64JQ	1	1					1		
QQ7PP8							1		
QQNEB9							1		LC-MS/MS
QY8L6Y				1			1		
QYMV7C		1					1		LC/MS
QZUC4H	1	1					1		
R2Q3X4		1					1		
R6TYKC							1		GC-FID
R8YE3G	1	1		✓			1		
R97UAM	1						1		Hand-held Raman Spectroscopy (TruNarc)
RACKW4							1		
RAGJNT	✓	1			1		1		
RB77PU	✓	1					1		
RCTFX4		1					1		retention time
RGG8WK		1	1				1		UPLC-PDA, LC-MS
RJPF76	✓	1		1			1		
RMQC4C		1					1		LC-MS
RPDV23	1	1					1		
RRGVWU	1	1			1		1		
RRUJ22							1		
RRX4RP		1					1		Raman
RU7ZRL	1	1			1		1		Also contains lactose

#### LC Crystal GC UV TLC WebCode Color FTIR **GC/MS** Micro Other 1 RYKNCJ 1 GC/IR RZPCH9 1 1 1 Solubility, Raman RZUHB4 1 1 1 1 ТЗВКҮМ 1 1 T3E37X 1 1 T3XLB6 1 1 T6KE9T 1 ✓ 1 1 T6KGXX 1 1 1 T6LAV7 ✓ 1 T82WW4 ✓ 1 **T8QUNC** 1 T94F8L 1 1 T9Y8UT 1 1 1 1 Solubility, pH TA2LWT 1 1 1 TAJJBE 1 Retention Time (GC/MS) TAXAW4 1 1 1 1 1 TDC2VJ 1 Handheld Raman Spectrometer TER8NF 1 1 1 1 TF2A3Y 1 1 1 TF8FQN 1 1 ✓ ✓ 1 TFXMN7 TGQJ79 1 TKD7TU 1 1 TLPVBL ✓ 1 1 1 1 TLQG9M ✓ ✓ TTUMNP 1 1 1 1 TYXLZZ ✓ 1 ✓ TZ9HHX 1 1 1 1 1 U2JQ9X U6Z8DV 1 U7A2AV 1 1 U86R4G 1 1 UAU4Z2 1 1 UCJBGH ✓ 1 1

#### TABLE 1b - Examination Methods used for Item 1

1

✓

UERDJF

1

WebCode	Color	FTIR	LC Crystal	GC	UV	TLC	GC/MS	Micro	Other
UH6CH3							1		
UKVEJA				1			1		
UL3NLF		1					1		LCMS/MS^2/MS^3
ULJ3R4	1	1					1		Weight determination
UM2QNQ		1					1		
UMY98T	1	1					1		
UPLXDR	1						1		Solubility
UQY9QY	1						1		Raman Spectroscopy
UT99XR	1				1		1		
UVETKR	1	1			1		1		
UVFLJY	1			1			1		
V2VMD3	1			1			1		
V2Y9QA							1		GC-FID
V38L7Q	1	1			1		1		
V3JERR	1	1			1		1		
V4ZDAW	1						1		
V7QDLY	1			1			1		
V9BEEZ	1						1		
VCBUGW	1	1					1		
VG2A64							1		
VH23A3	1						1		
VH7NUP	1						1		
VKCXZ2		1		1			1		
VMQM8R	1	1					1		
VMVUKK	1						1		
VP2E8K	1						1		
VR6BTA	1	1		1			1		FTIR w/ATR accessory
VRUG7L	1	1				1	1		
VV88KP	1	1			1		1		
W4ZR93	1						1		
W76K32	1						1		
W79367		1					1		
W7PW7F	1			✓			1		
W9VGXM		1					1		
WAZ6Z6	1						1		Raman Spectroscopy

WebCode	Color	FTIR	LC Crystal	GC	UV TLC	GC/MS	Micro	Other
WCR9LK						1		
WCUX7A				1		1		[GC: "retention time"]
WD6XU4	1			1		1		Raman Spectroscopy
WGZKPD	1	1				1		
WHHP8B	1					1		
WPZTK7	1					1		
WTH69A	1	1				1		Handheld Raman Spectrometer
WTLV86	1	1				1		
WV29TZ						1		
WVMVAM						1		TruNarc
WVNKNR	1					1		
WWC3GD		1				1		ESI MS (LC-MS orbitrap)
WXC3UK	1					1		Raman
X4T37N					1	1		
X6NECP	1					1		
X97RYY						1		
X97RZJ	1	1				1		
XBFQA8						1		
XCC9F3	✓	1				1		
XEP9X2						1		
XETNGU	1			1		1		
XF6GGN	1	1			1	1		
XFTHME	✓	1			1	1		
XG2NTN	1	1				1		
XHX736	✓	1				1		
XJPFM7						1		
XK92UN	1	1				1		
XKYBEP	1	1			1	1		
XL2UP8	1				1	1		Balance
XLB4ZQ	1	1				1		
XLT9JP	1					1		
XLVLEY	1					1		
XPTCBC	1	1			1	1		
XVHQKC	1	1				1		
XVX4P2	1	1				1		

WebCode	Color	FTIR	LC Crystal	GC	UV	TLC	GC/MS	Micro	Other
XX84YN	1						1		
XZWC76							1		
Ү2МҮ9К		1			1		1		
Y3EZWV	1						1		
Y4BKTV		1					1		
Y8ALAR			1				1		
Y8N8KE	1	1					1		
Y92U6E	✓	1			✓		1		
YBUG7H							1		Handheld Thermo Scientific TruNarc Raman Spectroscopy
YC6E68	1						1		
YDWLBP	1	1		1			1		
YGYJLH	1						1		
YJJF4G	1						1		
YJWWDN	1	1					1		
YKTDPL	1	1					1		
YL3KQT	1						1		
YM4CYM		1			1		1		
YQG9CB							1		
YWA4KA	1	1					1		
YXPBWJ	1	1					1		
YY3WJZ	1	1			1		1		
YYB3NN	1	1					1		
YYFN9B	1						1		
YYXDWW	1	1					1		
YZL3M4							1		
Z22RF8	1						1		
Z26AMJ		1			1	1	1		
Z6Y9T2							1		
Z94R4G	1						1		
Z9ERM4		1	1				1		ESI - MS/MS
Z9Y938	1						1		
Z9ZAW6	1						1		
ZF4C27	1	1			1		1		
ZFJBJA		1					1		
ZG77NP		1					1		

WebCode	Color	FTIR	LC	Crystal	GC	UV	TLC	GC/MS	Micro	Other
ZG9VV8								1		
ZH8UEF	1	1				1		1		
ZJZYK9	1	1			1					
ZNA79R	1							1		
ZNVJYP	1	1			1			1		
ZQC3MZ								1		
ZTPDWQ	1							1		
ZUGLRN	1							1		
ZUXXBE	1							1		
ZVYCDE	1	1						1		
ZXXVXZ	1							1		
ZYAHKK	1	1						1		
ZYRKDE	1	1				1		1		
ZYUAJX	1	1						1		GC/FID
ZZ4J8N	1							1		
Response	Sumr	nary								
Participants	Color	FTIR	LC	Crystal	GC	UV	TLC	GC/MS	Micro	
566	400	254	8	8	76	87	26	562	6	
Percent	71%	45%	1%	1%	13%	15%	5%	99%	1%	

# Drug Analysis (Item 2)

WebCode	Controlled Substance Detected	WebCode	Controlled Substance Detected
23T4YD	No controlled substance detected/identified	3JXRR6	No controlled substance detected/identified
24ZFGF	No controlled substance detected/identified	3KNQ63	No controlled substance detected/identified
28JHHT	No controlled substance detected/identified	3MUM2R	No controlled substance detected/identified
29TCB8	No controlled substance detected/identified; Sample contains lactose.	3P9C9G	No controlled substance detected/identified
29VACV	No controlled substance detected/identified	3PWHTG	No controlled substance detected/identified
29XRQU	No controlled substance detected/identified	3TFDQ8	No controlled substance detected/identified
2ARM6P	No controlled substance detected/identified	3V6M3U	No controlled substance detected/identified
2CDE3D	No controlled substance detected/identified	3WGLUH	No controlled substance detected/identified
2H29V6	No controlled substance detected/identified	44ENHE	No controlled substance detected/identified
2HGGVT	No controlled substance detected/identified;	46L3T2	No controlled substance detected/identified
2110001	Lactose	46WD72	No controlled substance detected/identified
2JZ8ED	No controlled substance detected/identified	4BDANG	No controlled substance detected/identified
2K8PBN	No controlled substance detected/identified	4BUEVU	No controlled substance detected/identified
2V782Q	No controlled substance detected/identified	4BWYPN	No controlled substance detected/identified
2VVBNY	No controlled substance detected/identified	4CB9ZA	No controlled substance detected/identified
2XTYYE	No controlled substance detected/identified	4CQRK8	No controlled substance detected/identified
32AT6D	No controlled substance detected/identified	4FAMJT	No controlled substance detected/identified
33KBQ4	No controlled substance detected/identified	4LEEWW	No controlled substance detected/identified
34RYFU	No controlled substance detected/identified	4M36RA	No controlled substance detected/identified
376DGA	No controlled substance detected/identified	4MNHFM	No controlled substance detected/identified
37NAXG	No controlled substance detected/identified	4PWN2N	No controlled substance detected/identified
39RUVN	No controlled substance detected/identified	4WECFQ	No controlled substance detected/identified
3ANJTQ	No controlled substance detected/identified	4WUDJT	No controlled substance detected/identified
3AY7HR	No controlled substance detected/identified	4WVBTN	No controlled substance detected/identified
3DA6WY	No controlled substance detected/identified	4Y3MBP	No controlled substance detected/identified
3G9L89	No controlled substance detected/identified	66PNEA	No controlled substance detected/identified
3GYMVH	No controlled substance detected/identified	67ATFR	No controlled substance detected/identified

WebCode	Controlled Substance Detected	WebCode	Controlled Substance Detected
67DFTY	No controlled substance detected/identified	7EM69J	No controlled substance detected/identified
6C6DTN	No controlled substance detected/identified	7G8X2D	No controlled substance detected/identified; Lactose
6DDMQM	No controlled substance detected/identified		
6DHYP6	No controlled substance detected/identified	7KBMQZ	No controlled substance detected/identified
6DVR7Z	No controlled substance detected/identified	7KPBP8	No controlled substance detected/identified
6EBUCD	No controlled substance detected/identified	7KYU6Y	No controlled substance detected/identified
6J42L9	No controlled substance detected/identified	7T3C2A	No controlled substance detected/identified
6JHLYQ	No controlled substance detected/identified	7UFWRY	No controlled substance detected/identified
6JYVWY	No controlled substance detected/identified	7XVBDJ	No controlled substance detected/identified
6N39DX	No controlled substance detected/identified	7XXWD7	No controlled substance detected/identified
6NWZ3P	No controlled substance detected/identified	7YD32W	No controlled substance detected/identified
6NZFHB		82EU6T	No controlled substance detected/identified
ONZITID	No controlled substance detected/identified; lactose	836UAR	No controlled substance detected/identified
6PKRGF	No controlled substance detected/identified;	84LUNE	No controlled substance detected/identified
	lactose	84YF3H	No controlled substance detected/identified
6Q3JRK	No controlled substance detected/identified	86WUMU	No controlled substance detected/identified
6QM6VW	No controlled substance detected/identified	87QPY6	No controlled substance detected/identified
6QXFZE	No controlled substance detected/identified	8843VE	No controlled substance detected/identified
6RYU3F	No controlled substance detected/identified	88LZ3K	No controlled substance detected/identified
6UKMVA	No controlled substance detected/identified	8ANBNM	No controlled substance detected/identified
6VH4VD	No controlled substance detected/identified	8DRM42	No controlled substance detected/identified
6VYA6C	No controlled substance detected/identified	8G6L2M	No controlled substance detected/identified
6XP844	No controlled substance detected/identified	8HLP3U	No controlled substance detected/identified
73VDQZ	No controlled substance detected/identified		
749XHA	No controlled substance detected/identified	8JU449	No controlled substance detected/identified
74N7LJ	No controlled substance detected/identified	8L364L	No controlled substance detected/identified
77UUZ9	No controlled substance detected/identified	8L3ZQX	No controlled substance detected/identified
7C4WFB	No controlled substance detected/identified	8RBEJV	No controlled substance detected/identified
7DYH6V	No controlled substance detected/identified	8TJRYB	No controlled substance detected/identified; Contains Lactose

8UVGA2         No controlled substance detected/identified         AAJA2R         No controlled substance detected/identified           8UZL4R         No controlled substance detected/identified         AAXUVV         No controlled substance detected/identified           8VANX4         No controlled substance detected/identified         AAXUVV         No controlled substance detected/identified           8VNFKT         No controlled substance detected/identified         AGSNUP         No controlled substance detected/identified           8VBUDA         No controlled substance detected/identified         AGGFYQ         No controlled substance detected/identified           8YBUDA         No controlled substance detected/identified         AGFFYQ         No controlled substance detected/identified           8YEQ9         No controlled substance detected/identified         AMSAUF         No controlled substance detected/identified           9XEQ3         No controlled substance detected/identified         AMSAUF         No controlled substance detected/identified           9YHYC         No controlled substance detected/identified         ANL7KK         No controlled substance detected/identified           9AELXP         No controlled substance detected/identified         ANL7KK         No controlled substance detected/identified           9AFFFN         No controlled substance detected/identified         ANL7KK         No controlled substance det	WebCode	Controlled Substance Detected	WebCode	Controlled Substance Detected
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A292LC       No controlled substance detected/identified       BKXQF4       No controlled substance detected/identified         A2AUJJ       No controlled substance detected/identified       BNFTKN       No controlled substance detected/identified	9W26M6	No controlled substance detected/identified	BDKNCN	No controlled substance detected/identified
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	A292LC	No controlled substance detected/identified	BKXQF4	No controlled substance detected/identified
A8FH2R No controlled substance detected/identified BX7KN9 No controlled substance detected/identified	A2AUJJ	No controlled substance detected/identified	BNFTKN	No controlled substance detected/identified
	A8FH2R	No controlled substance detected/identified	BX7KN9	No controlled substance detected/identified

WebCode	Controlled Substance Detected	WebCode	Controlled Substance Detected
BYJ3TY	No controlled substance detected/identified	DLNFRW	No controlled substance detected/identified
C44RKM	No controlled substance detected/identified	DLZEM6	No controlled substance detected/identified
C6LLJB	No controlled substance detected/identified	DPFYJT	No controlled substance detected/identified
C8A9Z6	No controlled substance detected/identified	DPHNPB	No controlled substance detected/identified
CAQG3B	No controlled substance detected/identified	DUBM3L	No controlled substance detected/identified
CCMNXA	No controlled substance detected/identified	DW4G4V	No controlled substance detected/identified
CNA82D	No controlled substance detected/identified	DWKNDK	Controlled substance(s) detected/identified
CNUTPX	No controlled substance detected/identified	DZLRYE	No controlled substance detected/identified
CQFLEK	No controlled substance detected/identified	E24HCN	No controlled substance detected/identified
CTPDZ9	No controlled substance detected/identified	E2836X	No controlled substance detected/identified
CUW4HN	No controlled substance detected/identified	E4JJW4	No controlled substance detected/identified
CVWUWJ	No controlled substance detected/identified	E4WBCE	No controlled substance detected/identified
CW73YC	No controlled substance detected/identified	E6AW9U	No controlled substance detected/identified
CW7TE8	No controlled substance detected/identified	E7QQA6	No controlled substance detected/identified
CXE4YP	No controlled substance detected/identified	EBXJ2E	No controlled substance detected/identified
CYD64V	No controlled substance detected/identified	ED44PE	No controlled substance detected/identified
CZJRCT	No controlled substance detected/identified	EDJA3J	No controlled substance detected/identified
D6RJYC	No controlled substance detected/identified	EF9GMF	No controlled substance detected/identified
D77WPU	No controlled substance detected/identified	EFPUQJ	No controlled substance detected/identified
D78VKN	No controlled substance detected/identified	EG47M4	No controlled substance detected/identified
D8JFLK	No controlled substance detected/identified	EHGHWU	No controlled substance detected/identified
D8KGFJ	No controlled substance detected/identified	EJQRM7	No controlled substance detected/identified
DDRW3L	No controlled substance detected/identified	ELBUZ6	No controlled substance detected/identified;
DE244T	No controlled substance detected/identified		Lactosa
DE8VTQ	No controlled substance detected/identified	ENZ2K2	No controlled substance detected/identified
DGKZND	No controlled substance detected/identified	ER4RX9	No controlled substance detected/identified
DH7FCF	No controlled substance detected/identified	ETB6FA	No controlled substance detected/identified
DJWJ6M	No controlled substance detected/identified	ETDULT	No controlled substance detected/identified
		EU6XBT	No controlled substance detected/identified

WebCode	Controlled Substance Detected	WebCode	Controlled Substance Detected
EUCT62	No controlled substance detected/identified	GPQNMG	No controlled substance detected/identified;
EY8HUK	No controlled substance detected/identified		net weight of material - 0.28 (± 0.02) gram.
EZJDDR	No controlled substance detected/identified	GQ4DUZ	No controlled substance detected/identified
F2RWRU	No controlled substance detected/identified	GQEF28	No controlled substance detected/identified
F3GEF9	No controlled substance detected/identified	GVB4HE	No controlled substance detected/identified
F4ZWXL	No controlled substance detected/identified	GVDMTW	No controlled substance detected/identified
F6PC23	No controlled substance detected/identified	GVELNP	No controlled substance detected/identified
F9UWBW	No controlled substance detected/identified	GVJRGL	No controlled substance detected/identified
FAPECX	No controlled substance detected/identified;	GYYBJN	No controlled substance detected/identified
FB826J	Lactose No controlled substance detected/identified	GZ9E2T	No controlled substance detected/identified
		GZRD3X	No controlled substance detected/identified
FEP2MK	No controlled substance detected/identified; Lactose	GZU39F	No controlled substance detected/identified
FEXZZU	No controlled substance detected/identified	H3TPD4	No controlled substance detected/identified
FHBYYG	No controlled substance detected/identified	Н6НҮКЈ	No controlled substance detected/identified
FHCQWP	No controlled substance detected/identified	HAPK9G	No controlled substance detected/identified
FUAKDT	No controlled substance detected/identified	HCEQTD	No controlled substance detected/identified
FWAYWC	No controlled substance detected/identified	HDBHMY	No controlled substance detected/identified
FXP6AF	No controlled substance detected/identified	HJ4DXJ	No controlled substance detected/identified
FZA3QJ	No controlled substance detected/identified	HM4JCP	No controlled substance detected/identified
FZE969	No controlled substance detected/identified	HMDMR9	No controlled substance detected/identified
G3YF6V	No controlled substance detected/identified	HQCAZ4	No controlled substance detected/identified
G8P2P4	No controlled substance detected/identified;	HQGHCW	No controlled substance detected/identified
GGC7PF	lactosa detectado en el punto 2 No controlled substance detected/identified	HQZ2JP	No controlled substance detected/identified; Lactose only detected
GHB3K6	No controlled substance detected/identified	J3R4LH	No controlled substance detected/identified
GHL8H2	No controlled substance detected/identified,	J79LMY	No controlled substance detected/identified
	Lactose	J79EMT J7WMTQ	No controlled substance detected/identified
GMHT8J	No controlled substance detected/identified;	J7 WMIQ J9UCN4	No controlled substance detected/identified
GPNB9Z	No detection No controlled substance detected/identified	JA7YE6	
GENDYZ		JA/ IEO	No controlled substance detected/identified

WebCode	Controlled Substance Detected	WebCode	Controlled Substance Detected
JAQMND	No controlled substance detected/identified	KA2YTV	No controlled substance detected/identified
JB4DVW	No controlled substance detected/identified;	KA97UW	No controlled substance detected/identified
JC8BPC	lactose	KAMPN2	No controlled substance detected/identified
	No controlled substance detected/identified	KCNPUZ	No controlled substance detected/identified;
JD87PV	No controlled substance detected/identified		
JE4QB9	No controlled substance detected/identified	KERHNY	No controlled substance detected/identified
JHP9UE	No controlled substance detected/identified	KGTA2Y	No controlled substance detected/identified
JJZ8TU	No controlled substance detected/identified	KK8WL6	No controlled substance detected/identified
JK9E2P	No controlled substance detected/identified	KKKDUD	No controlled substance detected/identified
JNM4F7	No controlled substance detected/identified	KLGWQC	No controlled substance detected/identified
JP6WPG	No controlled substance detected/identified	KRQ3HC	No controlled substance detected/identified
JP6XAE	No controlled substance detected/identified	KRQ3KX	No controlled substance detected/identified
JPM3TD	No controlled substance detected/identified	KTGAGF	No controlled substance detected/identified
JQ2CYT	No controlled substance detected/identified	KWDWB4	No controlled substance detected/identified
JTY2V7	No controlled substance detected/identified	KZCAW8	No controlled substance detected/identified
JV93ZD	No controlled substance detected/identified	KZHDWE	No controlled substance detected/identified
JVV9LX	No controlled substance detected/identified	KZXWEQ	No controlled substance detected/identified
JWFC3H	Tramadol	KZYP4X	No controlled substance detected/identified
JY8ACB	No controlled substance detected/identified	L4PJE4	No controlled substance detected/identified
JYLYD2	No controlled substance detected/identified	L7K2TC	No controlled substance detected/identified
JZ6HX2	No controlled substance detected/identified	LCZVDM	No controlled substance detected/identified
JZ884J	No controlled substance detected/identified	LD66W9	No controlled substance detected/identified
K4EBYQ	No controlled substance detected/identified	LGHZHX	No controlled substance detected/identified
K4TMQ4	No controlled substance detected/identified	LLCTLZ	No controlled substance detected/identified
K74JDL	No controlled substance detected/identified	LQM4C9	No controlled substance detected/identified
K7JYCU	No controlled substance detected/identified	LR2G9J	No controlled substance detected/identified
K8EJ6L	No controlled substance detected/identified	LRGRWP	No controlled substance detected/identified
K8LDDV	No controlled substance detected/identified	LRHDVQ	No controlled substance detected/identified
K9GX3F	No controlled substance detected/identified	LVDFBC	No controlled substance detected/identified
	I		

WebCode	Controlled Substance Detected	WebCode	Controlled Substance Detected
LX8TLJ	No controlled substance detected/identified	N7DN9M	No controlled substance detected/identified
LZDFW3	No controlled substance detected/identified	N7F97N	No controlled substance detected/identified
LZEBKE	No controlled substance detected/identified	NA7YV7	No controlled substance detected/identified
LZHTQQ	No controlled substance detected/identified	NAEHE6	No controlled substance detected/identified
M2XVF9	No controlled substance detected/identified	NAVPBL	No controlled substance detected/identified
M332BB	No controlled substance detected/identified	NCV6F4	No controlled substance detected/identified
МЗНН9Р	No controlled substance detected/identified; alpha-lactose	NHMABT	No controlled substance detected/identified
M3LZBU	No controlled substance detected/identified;	NL82XG	No controlled substance detected/identified
-	Lactose indicated	NLKU8P	No controlled substance detected/identified
M6KGGW	No controlled substance detected/identified	NNR7WD	No controlled substance detected/identified
M7V8L8	No controlled substance detected/identified	NUZETA	No controlled substance detected/identified
MG3XCP	No controlled substance detected/identified	NWAEXG	No controlled substance detected/identified
MGDY24	No controlled substance detected/identified	NXX4NN	No controlled substance detected/identified
MGFN8L	No controlled substance detected/identified	NZP2GN	No controlled substance detected/identified
MJ4XGM	No controlled substance detected/identified	P6CCLJ	No controlled substance detected/identified
MKHDXA	No controlled substance detected/identified	P6WWPV	No controlled substance detected/identified
MMY2X9	No controlled substance detected/identified	PAAF7C	No controlled substance detected/identified
MQNB4T	No controlled substance detected/identified	PAM4D6	No controlled substance detected/identified
MTUJML	No controlled substance detected/identified	PCX62P	No controlled substance detected/identified
MVKNBQ	No controlled substance detected/identified	PFEDKH	No controlled substance detected/identified; Lactose : 100 %
MWBR4X	No controlled substance detected/identified	PHNLLF	No controlled substance detected/identified
MX7KTP	No controlled substance detected/identified	рнхмси	No controlled substance detected/identified
MZC6FP	No controlled substance detected/identified	PJUZW3	No controlled substance detected/identified
N2G2EY	No controlled substance detected/identified	PL7L2V	No controlled substance detected/identified
N47BLE	Controlled substance(s) detected/identified	PLGQX7	No controlled substance detected/identified
N4JYM7	No controlled substance detected/identified	PXDJZ4	No controlled substance detected/identified
N4QYU2	No controlled substance detected/identified	PY4V73	No controlled substance detected/identified
N7CUJF	No controlled substance detected/identified	Q38RNB	No controlled substance detected/identified

WebCode	Controlled Substance Detected	WebCode	Controlled Substance Detected
Q6NFNA	No controlled substance detected/identified;	RRX4RP	No controlled substance detected/identified
	Laboratory analysis determined the presence of Alpha Lactose, a non controlled substance.	RU7ZRL	No controlled substance detected/identified; Contains lactose
Q8DM97	No controlled substance detected/identified	RYKNCJ	No controlled substance detected/identified
QCPH2M	No controlled substance detected/identified	RZPCH9	No controlled substance detected/identified
QK2RG3	No controlled substance detected/identified	RZUHB4	No controlled substance detected/identified
QKAPUD	No controlled substance detected/identified	ТЗВКҮМ	No controlled substance detected/identified
QKTAYK	No controlled substance detected/identified	T3E37X	No controlled substance detected/identified
QL2KK3	No controlled substance detected/identified	T3XLB6	No controlled substance detected/identified
QL64JQ	No controlled substance detected/identified	Т6КЕ9Т	No controlled substance detected/identified; Contains lactose
QQ7PP8	No controlled substance detected/identified	T6KGXX	No controlled substance detected/identified
QQNEB9	No controlled substance detected/identified	T6LAV7	No controlled substance detected/identified
QY8L6Y	No controlled substance detected/identified	T82WW4	No controlled substance detected/identified
QYMV7C	No controlled substance detected/identified	T8QUNC	No controlled substance detected/identified
QZUC4H	No controlled substance detected/identified	T94F8L	No controlled substance detected/identified
R2Q3X4	No controlled substance detected/identified	T9Y8UT	No controlled substance detected/identified
R6TYKC	No controlled substance detected/identified	TA2LWT	No controlled substance detected/identified
R8YE3G	No controlled substance detected/identified	TAJJBE	No controlled substance detected/identified
R97UAM	No controlled substance detected/identified	TAXAW4	No controlled substance detected/identified
RACKW4	No controlled substance detected/identified	TDC2VJ	No controlled substance detected/identified
RAGJNT	No controlled substance detected/identified	TER8NF	No controlled substance detected/identified
RB77PU	No controlled substance detected/identified	TF2A3Y	No controlled substance detected/identified
RCTFX4	No controlled substance detected/identified	TF8FQN	No controlled substance detected/identified;
RGG8WK	No controlled substance detected/identified		IR indicated the substance was lactose
RJPF76	No controlled substance detected/identified	TFXMN7	No controlled substance detected/identified
RMQC4C	No controlled substance detected/identified	TGQJ79	No controlled substance detected/identified
RPDV23	No controlled substance detected/identified	TKD7TU	Controlled substance(s) detected/identified
RRGVWU	No controlled substance detected/identified	TLPVBL	No controlled substance detected/identified
RRUJ22	No controlled substance detected/identified	TLQG9M	No controlled substance detected/identified
		•	

WebCode	Controlled Substance Detected	WebCode	Controlled Substance Detected
TTUMNP	No controlled substance detected/identified	VCBUGW	No controlled substance detected/identified
TYXLZZ	No controlled substance detected/identified	VG2A64	No controlled substance detected/identified
TZ9HHX	No controlled substance detected/identified	VH23A3	No controlled substance detected/identified
U2JQ9X	No controlled substance detected/identified	VH7NUP	No controlled substance detected/identified
U6Z8DV	No controlled substance detected/identified	VKCXZ2	No controlled substance detected/identified
U7A2AV	No controlled substance detected/identified	VMQM8R	Controlled substance(s) detected/identified
U86R4G	No controlled substance detected/identified	VMVUKK	No controlled substance detected/identified
UAU4Z2	No controlled substance detected/identified	VP2E8K	No controlled substance detected/identified
UCJBGH	No controlled substance detected/identified	VR6BTA	No controlled substance detected/identified
UERDJF	No controlled substance detected/identified	VRUG7L	No controlled substance detected/identified
UH6CH3	No controlled substance detected/identified	VV88KP	No controlled substance detected/identified
UKVEJA	No controlled substance detected/identified	W4ZR93	No controlled substance detected/identified
<b>UL3NLF</b>	No controlled substance detected/identified	W76K32	No controlled substance detected/identified
ULJ3R4	No controlled substance detected/identified	W79367	No controlled substance detected/identified
UM2QNQ	No controlled substance detected/identified	W7PW7F	No controlled substance detected/identified
UMY98T	No controlled substance detected/identified	W9VGXM	No controlled substance detected/identified
UPLXDR	No controlled substance detected/identified	WAZ6Z6	No controlled substance detected/identified
UQY9QY	No controlled substance detected/identified	WCR9LK	No controlled substance detected/identified
UT99XR	No controlled substance detected/identified	WCUX7A	No controlled substance detected/identified
UVETKR	No controlled substance detected/identified	WD6XU4	No controlled substance detected/identified
UVFLJY	No controlled substance detected/identified	WGZKPD	No controlled substance detected/identified;
V2VMD3	No controlled substance detected/identified		Indicates Lactose; not controlled
V2Y9QA	No controlled substance detected/identified	WHHP8B WPZTK7	No controlled substance detected/identified No controlled substance detected/identified
V38L7Q	No controlled substance detected/identified		
V3JERR	No controlled substance detected/identified	WTH69A	No controlled substance detected/identified
V4ZDAW	No controlled substance detected/identified	WTLV86	No controlled substance detected/identified
V7QDLY	No controlled substance detected/identified	WV29TZ	No controlled substance detected/identified
V9BEEZ	No controlled substance detected/identified		No controlled substance detected/identified
		WVNKNR	No controlled substance detected/identified

WebCode	Controlled Substance Detected	WebCode	Controlled Substance Detected
WWC3GD	No controlled substance detected/identified	Y4BKTV	No controlled substance detected/identified
WXC3UK	No controlled substance detected/identified	Y8ALAR	No controlled substance detected/identified
X4T37N	No controlled substance detected/identified	Y8N8KE	No controlled substance detected/identified
X6NECP	No controlled substance detected/identified	Y92U6E	No controlled substance detected/identified
X97RYY	No controlled substance detected/identified	YBUG7H	No controlled substance detected/identified
X97RZJ	No controlled substance detected/identified	YC6E68	No controlled substance detected/identified
XBFQA8	No controlled substance detected/identified	YDWLBP	No controlled substance detected/identified
XCC9F3	No controlled substance detected/identified	YGYJLH	No controlled substance detected/identified
XEP9X2	No controlled substance detected/identified	YJJF4G	No controlled substance detected/identified
XETNGU	No controlled substance detected/identified	YJWWDN	No controlled substance detected/identified
XF6GGN	No controlled substance detected/identified	YKTDPL	No controlled substance detected/identified
XFTHME	No controlled substance detected/identified	YL3KQT	No controlled substance detected/identified
XG2NTN	No controlled substance detected/identified	YM4CYM	No controlled substance detected/identified
XHX736	No controlled substance detected/identified	YQG9CB	No controlled substance detected/identified
XJPFM7	No controlled substance detected/identified	YWA4KA	No controlled substance detected/identified
XK92UN	No controlled substance detected/identified	YXPBWJ	No controlled substance detected/identified
XKYBEP	No controlled substance detected/identified	YY3WJZ	No controlled substance detected/identified
XL2UP8	No controlled substance detected/identified	YYB3NN	No controlled substance detected/identified
XLB4ZQ	No controlled substance detected/identified;	YYFN9B	No controlled substance detected/identified
XLT9JP	no drug detected No controlled substance detected/identified	YYXDWW	No controlled substance detected/identified
XLVLEY	No controlled substance detected/identified	YZL3M4	No controlled substance detected/identified
XPTCBC	No controlled substance detected/identified	Z22RF8	No controlled substance detected/identified
XVHQKC	No controlled substance detected/identified	Z26AMJ	No controlled substance detected/identified
	No controlled substance detected/identified	Z6Y9T2	No controlled substance detected/identified
XVX4P2		Z94R4G	No controlled substance detected/identified
XX84YN	No controlled substance detected/identified	Z9ERM4	No controlled substance detected/identified
XZWC76	No controlled substance detected/identified	Z9Y938	No controlled substance detected/identified
Y2MY9K	No controlled substance detected/identified	Z9ZAW6	No controlled substance detected/identified
Y3EZWV	No controlled substance detected/identified		

WebCode	Controlled Substance Detected	WebCode Controlled Substance Detected									
ZF4C27	No controlled substance detected/identified										
ZFJBJA	No controlled substance detected/identified										
ZG77NP	No controlled substance detected/identified										
ZG9VV8	No controlled substance detected/identified										
ZH8UEF	No controlled substance detected/identified										
ZJZYK9	No controlled substance detected/identified										
ZNA79R	No controlled substance detected/identified										
ZNVJYP	No controlled substance detected/identified										
ZQC3MZ	No controlled substance detected/identified										
ZTPDWQ	No controlled substance detected/identified										
ZUGLRN	No controlled substance detected/identified										
ZUXXBE	No controlled substance detected/identified										
ZVYCDE	No controlled substance detected/identified										
ZXXVXZ	No controlled substance detected/identified										
ΖΥΑΗΚΚ	No controlled substance detected/identified										
ZYRKDE	No controlled substance detected/identified										
ZYUAJX	No controlled substance detected/identified										
ZZ4J8N	No controlled substance detected/identified										
	Response Summary - Item 2										
	Participants: 566										

runcipuna	
No Controlled Substance:	560
Tramadol:	2
Other:	4

# **Examination Methods (Item 2)**

WebCode	Color	FTIR	LC Crystal	GC	UV	TLC	GC/MS	Micro	Other
23T4YD	1	1	1				1		
24ZFGF		1				1	1		
28JHHT		1					1		
29TCB8	1	1				1	1	1	Anion tests
29VACV	1	1					1		
29XRQU	1						1		
2ARM6P				1			1		ATR
2CDE3D	1	1			1		1		
2H29V6		1					1	1	DART/TOF-MS, weight determination
2HGGVT		1							
2JZ8ED	1	1			1		1		
2K8PBN	1	1					1		
2V782Q		1		1			1		
2VVBNY		1					1		
2XTYYE	1	1					1		
32AT6D	1						1		
33KBQ4	1						1		
34RYFU	1		1				1		NMR
376DGA	1	1			1		1		
37NAXG							1		Handheld Raman (TruNarc)
39RUVN	1	1					1		
3ANJTQ	1						1		
3AY7HR		1					1		
3DA6WY	1						1		
3G9L89	1						1		
3GYMVH	1						1		
3JXRR6							1		
3KNQ63	1	1			1		1		
3MUM2R		1					1		
3P9C9G							1		
3PWHTG	1						1		A variety of samples sizes and methods were used for analysis
3TFDQ8	1	1					1		
3V6M3U	1						1		

WebCode	Color	FTIR	LC Crystal	GC	UV	TLC	GC/MS Micro	Other
3WGLUH	1	1			1		✓	
44ENHE		1				1	1	
46L3T2		1					√	LC/MS/MS, HRMS
46WD72	1				✓		1	
4BDANG		1					1	
4BUEVU	1	1		1			1	
4BWYPN	1					1	1	
4CB9ZA	1	1			1		1	
4CQRK8							1	GC-FID
4FAMJT	1	1					1	
4LEEWW	1	1					1	
4M36RA	1	1					✓	
4MNHFM		1		1			1	
4PWN2N	1	1					1	
4WECFQ	1	1		1		1	1	
4WUDJT	1						1	
4WVBTN	1						✓	
4Y3MBP	1	1		1			1	
66PNEA	1	1		1			1	
67ATFR	1						1	
67DFTY							1	
6C6DTN	1						1	
6DDMQM	1						1	
6DHYP6		1					1	LCMS
6DVR7Z		1					1	
6EBUCD	1	1				1	1	
6J42L9	1	1			1		1	Lactose detected by ATR
6JHLYQ							1	
6JYVWY							1	UPLC-QTOFMS
6N39DX	1						1	
6NWZ3P	1	1		1		1	1	
6NZFHB	1	1					1	
6PKRGF	1	1					1	
6Q3JRK	1						1	
6QM6VW	1	1					1	

WebCode	Color	FTIR	LC Crystal	GC	UV	TLC	GC/MS N	Micro Other
6QXFZE	1						1	
6RYU3F		1			✓		1	
6UKMVA	1	1					1	
6VH4VD							1	Raman
6VYA6C	1	1				1		
6XP844	1	1					1	
73VDQZ	1	1					1	
749XHA	1						1	
74N7LJ	1						1	
77UUZ9	1						1	
7C4WFB	1	1					1	
7DYH6V	1	1			1			
7EM69J	✓		1			1	1	
7G8X2D	1	1					1	
7KBMQZ	✓						1	
7KPBP8	1	1					1	
7KYU6Y	✓				✓		1	
7T3C2A							1	
7UFWRY		1					1	
7XVBDJ	✓						1	
7XXWD7	✓						1	
7YD32W	✓	1					1	
82EU6T	✓	1					1	
836UAR	1						1	
84LUNE	1	1			✓		1	
84YF3H				1			1	
86WUMU	1	1			1		1	
87QPY6			1				1	
8843VE		1			✓		1	
88LZ3K	✓						1	
8ANBNM		1					1	
8DRM42		1					1	
8G6L2M		1					1	
8HLP3U	1	1					1	
8JU449	1			1			1	DART-TOF

WebCode	Color	FTIR	LC Crystal	GC	UV	TLC	GC/MS	Micro	Other
8L364L		1					1		
8L3ZQX	✓						1		
8RBEJV	1	1					1		
8TJRYB	1	1			✓		1		
8UVGA2							1		
8UZL4R	1	1			1		1		
8VANX4		1					1		LC/MS
8WNFKT		1					1		
8YBUDA	1						1		Handheld Raman Spectroscopy
8Z6PR6	1	1					1		Raman
93KEQ9	1	1					1		
97LHFA	1	1			✓		1		
98YYQ3	1	1					1		
996LZZ		1					1		
99WFVC	1						1		
9A6HVP	1						1		
9BLMFA	1	1			✓		1		
9CAEUY	1	1					1		
9EFRNJ		1				1	1		
9GYXVT		1					1		
9HE4L6	1						1		(2) GC/MS: Base-CHCl3 and Acid-CHCl3 extractions
9JVXME	1	1			1		1		
9K66P8	1	1				1			DART-TOF MS
9MAVWM	1	1					1		
9U8CJL	1	1			✓		1		
9V4UCB	1	1					1		
9W26M6		1			1		1		
9X9FB9	1						1		
A292LC	1	1			1		1		
A2AUJJ	1						1		
A8FH2R	1	1					1		
AAJA2R	1						1		
AAXUPV	1						1		
ABPYX9							1		NMR,Raman

WebCode	Color	FTIR	LC Crystal	GC	UV	TLC	GC/MS	Micro	Other
AG3NUP	1	1	1				1		
AGDMRE	1	1	1				1		
AGF6YQ	1						1		
AM23KR							✓		
AM8AUF	1						1		
ANFT8G		1					1		
ANLRXK	1	1					1		
AP7WZN							1		
AQPP9D	1	1			✓		1		
ATDWUV				1			1		GC-FID
AV2K3P	1						1		Weight determination
AVF7CR	1						1		
AVX2VD	1	1					1		
AZBZAT							1		
B7FU8U	1						1		ATR
B7FZG2		1				1	1		
B7GNQZ							1		
<b>B8MAEZ</b>	1						1		
BAG2K6	1	1					1		LC/MS (ion trap)
BCHCX7	1						1		
BDKNCN	1			1					
BHUZ9N		1					1		
BKXQF4	1	1					1		
BNFTKN	1					1	1		
BX7KN9	1				✓		1		
BYJ3TY		1					1		LC/MS
C44RKM	1	1					1		
C6LLJB	1	1			1		1		
C8A9Z6		1			1		1		
CAQG3B	1						1		
CCMNXA	1						1		
CNA82D	1	1					1		
CNUTPX	1	1					1		
CQFLEK		1					1		
CTPDZ9	1	1			1		1		

WebCode	Color	FTIR	LC Crystal	GC	UV	TLC	GC/MS	Micro	Other
CUW4HN	1					1		1	Raman Spectroscopy
CVWUWJ		1					1		
CW73YC	1	1					1		
CW7TE8					1	✓	1		
CXE4YP	1						1		
CYD64V		1					1	1	Direct analysis in real time/time-of-flight mass spectrometry
CZJRCT		1					1		
D6RJYC		1					1		
D77WPU		1		1					
D78VKN	1	1					1		
D8JFLK			1				1		
D8KGFJ	1	1					1		
DDRW3L							1		weight determination
DE244T	1	1		1					
DE8VTQ		1					1		LC/MS
DGKZND	1	1					1		
DH7FCF	1			1		1	1		
DJWJ6M	1						1		
DLNFRW	1						1		
DLZEM6	1	1			1		1		
DPFYJT	1						1		
DPHNPB	1						1		
DUBM3L	1	1					1		
DW4G4V	1	1			1		1		
DWKNDK	1						1		GC/FID
DZLRYE	1						1		
E24HCN	1						1		Raman
E2836X		1					1		
E4JJW4	1	1					1		
E4WBCE		1					1		Raman
E6AW9U	1	1					1		
E7QQA6	1	1			1		✓		
EBXJ2E	1	1					1		
ED44PE		1					1		

WebCode	Color	FTIR	LC Crystal	GC	UV	TLC	GC/MS Micro	Other
EDJA3J	1					1	1	
EF9GMF		1					✓	
EFPUQJ	1						√	Net Weight
EG47M4							√	LC Qexactive
EHGHWU	1	1					√	
EJQRM7	1	1			1		√	
ELBUZ6	1	1					✓	
ENZ2K2	1	1					✓	
ER4RX9	1						✓	
ETB6FA						1	✓	
ETDULT	1	1		1			✓	
EU6XBT	1	1					✓	
EUCT62	1	1			1		✓	
EY8HUK	1						✓	
EZJDDR	1						✓	
F2RWRU	1	1					✓	
F3GEF9	1						1	
F4ZWXL	1	1					√	
F6PC23	1	1			1		1	
F9UWBW	1						1	
FAPECX	1	1					✓	
FB826J	1	1					✓	
FEP2MK							✓	Raman spectroscopy
FEXZZU	1						✓	
FHBYYG		1					1	
FHCQWP	1	1					✓	
FUAKDT	1						✓	
FWAYWC	1						√	
FXP6AF	1						1	
FZA3QJ	1	1					√	
FZE969	1	1					√	
G3YF6V	1	1					✓	
G8P2P4	1	1					√	
GGC7PF	1	1					✓	
GHB3K6		1			1		√	

WebCode	Color	FTIR	LC Crystal	GC	UV	TLC	GC/MS	Micro	Other
GHL8H2	1	1					1		
GMHT8J	1						1		
GPNB9Z							1		
GPQNMG	1	1					1		
GQ4DUZ	1				1		1		
GQEF28	1	1					✓		
GVB4HE	1	1					✓		
GVDMTW	1	1					✓		
GVELNP		1					✓		
GVJRGL	1	1			✓		✓		
GYYBJN	1	1			1		1		
GZ9E2T	1	1					1		
GZRD3X	1	1			1		1		
GZU39F	1	1					1		
H3TPD4	1	1		1			1		
Н6НҮКЈ		1					1		
НАРК9G	1						1		Weight Analysis
HCEQTD		1					✓		
HDBHMY	1	1			1		✓		
HJ4DXJ	1						✓		
HM4JCP							1		Extraction
HMDMR9	1						1		
HQCAZ4	1	1					✓		
HQGHCW	1						1		
HQZ2JP	1	1					✓		
J3R4LH							1		
J79LMY	1				1		1		
J7WMTQ							1		LC/MS
J9UCN4	1	1			✓		1		
JA7YE6	1	1					1		
JAQMND	1						1		
JB4DVW	1	1					1		
JC8BPC	1						1		
JD87PV	1	1					1		
JE4QB9	1	1		1		1	1		

WebCode	Color	FTIR L	.C Crystal	GC	UV	TLC	GC/MS	Micro	Other
JHP9UE	1					1	1		
JJZ8TU	1			1			1		
JK9E2P	1						1		FTIR with ATR accessory
JNM4F7	1	1					1		
JP6WPG	1	1	1				1		
JP6XAE	1	1		1			1		
JPM3TD	1						1		
JQ2CYT							1		GC/FID
JTY2V7		1				1	1		
JV93ZD	1	1					1		
JVV9LX	1	1			1		1		
JWFC3H							1		
JY8ACB	1	1					1		
JYLYD2	1	1					1		
JZ6HX2		1			✓		1		
JZ884J	1						1		
K4EBYQ	1						1		TruNarc Raman
K4TMQ4							1		LC/MS/MS
K74JDL	1	1					1		
K7JYCU		1					✓		
K8EJ6L	1						1		
K8LDDV	1	1					✓		
K9GX3F	✓	1					✓		
KA2YTV	1						1		
KA97UW	1	1					✓		
KAMPN2	1				1		1		
KCNPUZ	1	1					1		
KERHNY							✓		
KGTA2Y							1		TruNarc Raman Spectrometer
KK8WL6	1	1					✓		
KKKDUD	1						1		
KLGWQC	1						1		
KRQ3HC	1	1					1		
KRQ3KX	1	1			1		1		
KTGAGF	1						1		Solubility test, Fehlings test

WebCode	Color	FTIR	LC Crystal	GC	UV	TLC	GC/MS	Micro	Other
KWDWB4	1						1		
KZCAW8	1	1					1		
KZHDWE	1	1	1				1		
KZXWEQ		1			1		1		
KZYP4X		1					1		
L4PJE4		1					1		DART
L7K2TC	1	1					✓		
LCZVDM	1	1					1		
LD66W9	1			1		1	1		
LGHZHX	1	1			1		✓		
LLCTLZ	1	1		1			1		
LQM4C9		1					✓		NMR
LR2G9J	1	1					1		
LRGRWP	1						1		
lrhdvq	1						1		
LVDFBC	1						✓		
LX8TLJ							1		GC-FID
LZDFW3	1						✓		
LZEBKE	1						1		portable Raman
LZHTQQ	1	1					✓		
M2XVF9		1					1		Raman
M332BB	1						1		
МЗНН9Р	1	1					✓		
M3LZBU	1	1	1				✓		
M6KGGW		1			1		1		
M7V8L8		1					✓		
MG3XCP	1	1		1			1		
MGDY24				1			1		
MGFN8L	1						1		
MJ4XGM	1						1		
MKHDXA	1						1		
MMY2X9	1						1		
MQNB4T	1	1		1		1	1		DART
MTUJML	1	1					1		
MVKNBQ	1	1		1			✓		

WebCode	Color	FTIR	LC Crystal	GC	UV	TLC	GC/MS	Micro	Other
MWBR4X		1			1		1		
MX7KTP	1				1		1		
MZC6FP	1	1					1		
N2G2EY	1						1		
N47BLE		1					1		
N4JYM7							1		
N4QYU2	1	1					1		
N7CUJF	1						1		
N7DN9M	1						1		
N7F97N	1	1			1		1		
NA7YV7	1						1		
NAEHE6	1	1		1		✓	1		
NAVPBL		1					1		Raman
NCV6F4	1						1		
NHMABT							1		
NL82XG	1	1					1		
NLKU8P	1	1			1		1		
NNR7WD		1					1		
NUZETA	1	1			1		1		
NWAEXG	1	1					1		
NXX4NN		1					1		
NZP2GN							1		
P6CCLJ		1					1		
P6WWPV		1			1		1		
PAAF7C	1	1							
PAM4D6		1					1		
PCX62P	1						1		
PFEDKH	1		1				1		LC/Refractometer
PHNLLF	1	1					1		
PHXMCU	1	1					1		
PJUZW3	1	1					1		
PL7L2V		1			1		1		
PLGQX7							1		
PXDJZ4		1					1		
PY4V73						1	1		

WebCode	Color	FTIR	LC Crystal	GC	UV	TLC	GC/MS	Micro	Other
Q38RNB	1	1			1		1		
Q6NFNA	1	1		1			1		Raman Spectroscopy
Q8DM97	1						1		
QCPH2M	1	1					1		
QK2RG3	1						1		
QKAPUD	1				1		1		
QKTAYK		1	1				1		
QL2KK3	✓	1					1		
QL64JQ	1	1					1		
QQ7PP8							1		
QQNEB9							1		LC-MS/MS
QY8L6Y		1					1		
QYMV7C		1					1		LC/MS
QZUC4H	1	1					1		
R2Q3X4		1					1		
R6TYKC							1		GC-FID
R8YE3G	1	1					1		
R97UAM	1						1		Hand-held Raman Spectroscopy (TruNarc)
RACKW4							1		
RAGJNT	1	1			1		1		
RB77PU	1	1					1		
RCTFX4		1					1		
RGG8WK		1	1				1		UPLC-PDA, LC-MS
RJPF76	1	1					1		
RMQC4C		1					1		LC-MS
RPDV23	1	1					1		
RRGVWU	1	1			1		1		
RRUJ22		1					1		
RRX4RP		1					1		Raman
RU7ZRL	1	1			1		1		
RYKNCJ	1						1		
RZPCH9	1							1	Solubility, Raman
RZUHB4	1	1					1		
ТЗВКҮМ	1	1			1		1		

WebCodeColorFTIRLCCrystalGCUVTLCGC/MSMicroOtherT3E37X✓✓	
T6KE9T       I       I       I       I         T6KGXX       I       <	
T6KGXX       ✓ <td></td>	
T6LAV7       I       I       I         T82WW4       I       I       I         T8QUNC       I       I       I         T94F8L       I       I       I         T9Y8UT       I       I       Solubility, pH	
T82WW4     Image: Market of the second	
T8QUNC     Image: Constraint of the second sec	
T94F8L     Image: Constraint of the second sec	
T9Y8UT 🗸 🖌 🖌 Solubility, pH	
TA2LWT 🖌 🖌 🖌	
TAJJBE	
TAXAW4 🗸	
TDC2VJ 🗸 🖌 Mandheld Raman Spectra	ometer
TER8NF 🗸 🖌	
TF2A3Y 🗸 🗸	
TF8FQN 🗸 🏑	
TFXMN7 🗸 🖌	
TGQJ79 🖌 🗸	
TKD7TU 🗸 🗸	
TLPVBL 🖌 🖌	
TLQG9M 🗸 🖌 🖌 🖌	
TTUMNP 🖌 🖌 🖌	
TYXLZZ I I I I	
TZ9HHX 🖌 🖌 🖌	
U2JQ9X 🗸 🗸 🗸	
U6Z8DV 🗸	
U7A2AV 🗸	
U86R4G 🗸	
UAU4Z2 🗸	
UCJBGH 🖌 🖌 🖌	
UERDJF 🗸 🖌	
UH6CH3 🗸	
UKVEJA 🗸 🗸	
UL3NLF 🖌 🖌	
ULJ3R4 🖌 🖌 Weight determination	

WebCode	Color	FTIR L	C Crystal	GC	UV	TLC	GC/MS	Micro	Other
UM2QNQ		1					1		
UMY98T	1	1					1		
UPLXDR	1						1		Solubility
UQY9QY	1						1		Raman Spectroscopy
UT99XR	1	1			1		1		
UVETKR	1	1			1		1		
UVFLJY	1	1		1		1	1		
V2VMD3	1			1			1		
V2Y9QA							1		GC-FID
V38L7Q	1	1			1		1		
V3JERR	1	1			1		1		
V4ZDAW	1						1		
V7QDLY	1			1		1	1		
V9BEEZ	1						1		
VCBUGW	1	1					1		
VG2A64							1		
VH23A3	1						1		
VH7NUP	1						1		
VKCXZ2		1					1		
VMQM8R	1	1					1		
VMVUKK	1						1		
VP2E8K	1						1		
VR6BTA	1	1		1			1		FTIR w/ATR accessory
VRUG7L	1	1				1	1		
VV88KP	1	✓			1		1		
W4ZR93	1						1		
W76K32	1						1		
W79367		1					1		
W7PW7F	1			1			1		
W9VGXM		1					1		
WAZ6Z6	1						1		Raman Spectroscopy
WCR9LK							1		
WCUX7A							1		
WD6XU4	1			1	1				Raman Spectroscopy
WGZKPD	1	1					1		

WebCode	Color	FTIR	LC Crystal	GC	UV	TLC	GC/MS_I	<u>Micro</u>	Other
WHHP8B	1						1		
WPZTK7	1	1					1		
WTH69A	1	1					1		Handheld Raman Spectrometer
WTLV86	1	1					1		
WV29TZ							1		
WVMVAM		1					1		TruNarc
WVNKNR	1						1		
WWC3GD		1					1		ESI MS (LC-MS orbitrap)
WXC3UK	1						1		Raman
X4T37N		1				1	1		
X6NECP	1	1					1		
X97RYY							1		
X97RZJ	1	1			1		1		
XBFQA8							1		
XCC9F3	1	1					1		
XEP9X2							1		
XETNGU	1						1		
XF6GGN	1	1			1		1		
XFTHME	1	1			1		1		
XG2NTN	1	1					1		
XHX736	1	1					1		
XJPFM7							1		
XK92UN	1	1					1		
XKYBEP	1	1			1		1		
XL2UP8	1						1		Balance
XLB4ZQ	1	1					1		
XLT9JP	1						1		
XLVLEY	1						1		
XPTCBC	1				1		1		
XVHQKC	1	1					1		
XVX4P2	1	1					1		
XX84YN	1						1		
XZWC76							1		
Ү2МҮ9К		1			1		1		
Y3EZWV	1						1		

WebCode	Color	FTIR	LC Crystal	GC	UV	TLC	GC/MS Micro	o Other
Y4BKTV		1					1	
Y8ALAR			1				1	LC-TOFMS
Y8N8KE	1						1	
Y92U6E	1	1			✓		1	
YBUG7H							1	Handheld Thermo Scientific TruNarc Raman Spectroscopy
YC6E68	1						1	
YDWLBP	1	1					1	
YGYJLH	1						1	
YJJF4G	1						1	
YJWWDN	1	1					✓	
YKTDPL	1	1					1	
YL3KQT	1	1					✓	
YM4CYM		1			1		✓	
YQG9CB							✓	
YWA4KA	1	1					✓	
YXPBWJ	1	1					1	
YY3WJZ	1	1			1		✓	
YYB3NN	✓	1					✓	
YYFN9B	1	1					✓	
YYXDWW	✓	1					✓	
YZL3M4		1					✓	
Z22RF8	1	1					✓	
Z26AMJ		1			1	✓	✓	
Z6Y9T2							1	
Z94R4G	1						✓	
Z9ERM4		1	1				1	esi - MS/MS
Z9Y938	1						✓	
Z9ZAW6	1	1					1	
ZF4C27	1				1		1	
ZFJBJA		1					1	
ZG77NP		1					1	
ZG9VV8		1					1	
ZH8UEF	1	1			1		1	
ZJZYK9	1	1		1				

WebCode	Color	FTIR	LC C	rystal	GC	UV	TLC	GC/MS	Micro	Other
ZNA79R	1							1		
ZNVJYP	1	1			1			1		
ZQC3MZ		1						1		
ZTPDWQ	1	1						1		
ZUGLRN	1							1		
ZUXXBE	1							1		
ZVYCDE	1	1						1		
ZXXVXZ	1							1		
ΖΥΑΗΚΚ	1	1						1		
ZYRKDE	1	1				1		1		
ZYUAJX	1	1						1		GC/FID
ZZ4J8N	1							1		
Response	Summe	ary								
Participants	Color	FTIR	LC C	Crystal	GC	UV	TLC	GC/MS	Micro	
566	401	334	9	7	42	87	32	554	6	
Percent	71%	59%	2%	1%	7%	15%	6%	98%	1%	

# **Additional Comments**

TABLE 3

2XTYYE       report wording: Item 1.1 (Agency Item Sample Pack:DA2). Tranadol was identified in the folded cellophane bag. The total weight of the white powder was 232 milligrams. +/- 3 milligrams. Item 1.2 (Agency Item Sample Pack:DA2). No controlled substances were identified in the white powder in the folded cellophane bag. Weight measurement uncertainty calculated at a coverage probability of 95.45%.         34RYFU       Item 2: Lactose was detected.         3MUM2R       Item 2 was found to contain a substance consistent with lactose.         3WGLUH       Lactose was detected in both samples.         4BDANG       Lactose was detected in both samples.         4BDANG       Lactose was detected in both samples.         4BDUCD       Item 2 indicated the presence of alpha-Lactose. Item 1 also indicated the presence of alpha-Lactose well as Tramadol.         6EBUCD       Item 2 indicated the presence of alpha-Lactose. Item 1 also indicated the presence of alpha-Lactose well as Tramadol.         6YWWY       Our data are accredited by General requirements for the competence of testing         6YR03F       Item 1 also had lactose w/ the controlled substance. Item 2 had lactose.         74N7LJ       Tramadol was detected in Item 1         7C4WFB       lactose present in Item 2         7DYH6V       Tramadol was identified, which is controlled by the US legislation but not by the legislation of [Country]. The item 2 contains Lactose, which is not a controlled substance.         87QPY6       Tramadol was identified, which is controlle	WebCode	Additional Comments
cellophane bog. The total weight of the white powder was 232 milligrams +/- 3 milligrams. Item 1.2 (Agency Item Sample Pack:DA2). No controlled substances were identified in the white powder in the folded cellophane bog. Weight measurement uncertainty calculated at a coverage probability of 95.45%. 34RYFU Item 2 was found to contain a substance consistent with lactose. 3WOKUH Item 2 was found to contain a substance consistent with lactose. 48DANG Lactose was detected in both samples. 48DANG Lactose was detected in both samples. 48DANG Lactose was present 4PWN2N Tramadol is a controlled substance in the state of [State] but is prosecuted as a miscellaneous substance([State Legislation]). It does not have a penalty group associated with it[in [State]). 6EBUCD Item 2 indicated the presence of alpha-Lactose. Item 1 also indicated the presence of alpha-Lactose i well as Tramadol. 6/WWY Our data are accredited by General requirements for the competence of testing 6/KRGF the item 1 also presents lactose (substance not controlled) 6/QM6/W Lactose indicated in Item 1 7/24WFB lactose present in Item 2 7/27PH6V Tramadol is federally controlled, but it is not currently controlled in the state of [State]. 7/27WFB lactose present in Item 2 7/27PH6V Tramadol is federally controlled, but it is not currently controlled in the state of [State]. 7/27WFB lactose present in Item 2 7/27PH6V Tramadol was identified, which is controlled by the US legislation but not by the legislation a [Country]. The item 2 contains Lactose, which is not a controlled substance. 8/20PY6 Tramadol is not a controlled drug under [Country's Legislation] 8/37WFB Tramadol was placed into Schedule IV of the [State] Controlled substances in 2014. On September 1, 2017 Tramadol was listed in the [State] Controlled Substance Act as a Penalty Group 3 substance. 9/24EUY Lactose detected in both Items 1 and 2 9/27WF The TIR spectra of items 1 and 2 9/27WF On september 1st, 2017 Tramadol was alisted to the [State] Shedules of Controlled Substances 9/34UCB THE TRAMAD	2H29V6	Salt form not identified.
MUMAR       Item 2 was found to contain a substance consistent with lactose.         3WGLUH       Lactose was detected in both samples.         4BDANG       Lactose was present         4PWN2N       Tramadol is a controlled substance in the state of [State] but is prosecuted as a miscellaneous substance([State Legislation]). It does not have a penalty group associated with it[in [State]).         6EBUD       Item 2 indicated the presence of alpha-Lactose. Item 1 also indicated the presence of alpha-Lactose of well as Tramadol.         6JYVWY       Our data are accredited by General requirements for the competence of testing         6PKRGF       the item 1 also presents lactose (substance not controlled)         6QM6VW       Lactose indicated in Item 2         6RYU3F       Item 1 also had lactose w/ the controlled substance. Item 2 had lactose.         74N7L       Tramadol was detected in Item 1         7C4WFB       lactose present in Item 2         7DYH6V       Tramadol was identified, which is controlled by the US legislation but not by the legislation of [Country]. The item 2 contains Lactose, which is not a controlled substance.         82EU6T       item 1 also and a controlled drug under [Country's Legislation]         84WUMU       Item 2 consistent with Lactose         87GPY6       Tramadol was placed into Schedule IV of the [State] schedules of controlled substances in 2014. On September 1, 2017 Tramadol was listed in the [State] Controlled Substance Act as a Penalty Group 3 substance.<	2XTYYE	cellophane bag. The total weight of the white powder was 232 milligrams +/- 3 milligrams. Item 1.2 (Agency Item Sample Pack:DA2). No controlled substances were identified in the white powder in the folded cellophane bag. Weight measurement uncertainty calculated at a coverage probability of
3WGLUH       Lactose was detected in both samples.         4BDANG       Lactose was present         4PWN2N       Tramadol is a controlled substance in the state of [State] but is prosecuted as a miscellaneous substance([State Legislation]). It does not have a penalty group associated with it[in [State]).         6EBUCD       Item 2 indicated the presence of alpha-Lactose. Item 1 also indicated the presence of alpha-Lactose of well as Tramadol.         6JYVWY       Our data are accredited by General requirements for the competence of testing         6PKRGF       the item 1 also presents lactose (substance not controlled)         6QM6VW       Lactose indicated in Item 2         6RYU3F       Item 1 also had lactose w/ the controlled substance. Item 2 had lactose.         74N7LJ       Tramadol was detected in Item 1         7C4WFB       lactose present in Item 2         7DYH6V       Tramadol was identified, which is controlled by the US legislation but not by the legislation of [Country]. The item 2 contains Lactose, which is not a controlled substance.         82EU6T       item 2) alpha-lactose         84WUMU       Item 2 consistent with Lactose         87GPY6       Tramadol was placed into Schedule IV of the [State] schedules of controlled substances in 2014. On September 1, 2017 Tramadol was listed in the [State] Controlled Substance Act as a Penalty Group 3 substance.         9CAEUY       Lactose detected in both Items 1 and 2         9CFRNJ       The FTIR	34RYFU	Item 2: Lactose was detected.
48DANG       Lactose was present         4PWN2N       Tramadol is a controlled substance in the state of [State] but is prosecuted as a miscellaneous substance([State Legislation]). It does not have a penalty group associated with it[in [State]).         6EBUCD       Item 2 indicated the presence of alpha-Lactose. Item 1 also indicated the presence of alpha-Lactose i well as Tramadol.         6JYWY       Our data are accredited by General requirements for the competence of testing         6PKRGF       the item 1 also presents lactose (substance not controlled)         6QM6WU       Lactose indicated in Item 2         6RYU3F       Item 1 also had lactose w/ the controlled substance. Item 2 had lactose.         74N7L1       Tramadol was detected in Item 1         726WFB       lactose present in Item 2         720YH6V       Tramadol is federally controlled, but it is not currently controlled in the state of [State].         768X2D       In item 1 tramadol was identified, which is controlled by the US legislation but not by the legislation o [Country]. The item 2 contains Lactose, which is not a controlled substance.         82EU6T       item 2) alpha-lactose indicated, not reported         86WUMU       Item 2 consistent with Lactose         87QPY6       Tramadol was placed into Schedule IV of the [State] Schedules of controlled substances in 2014. On September 1, 2017 Tramadol was listed in the [State] Controlled Substance.         9CAEUY       Lactose detected in both Items 1 and 2 <td>3MUM2R</td> <td>Item 2 was found to contain a substance consistent with lactose.</td>	3MUM2R	Item 2 was found to contain a substance consistent with lactose.
4PWN2N       Tramadol is a controlled substance in the state of [State] but is prosecuted as a miscellaneous substance([State Legislation]). It does not have a penalty group associated with it(in [State]).         6EBUCD       Item 2 indicated the presence of alpha-Lactose. Item 1 also indicated the presence of alpha-Lactose i well as Tramadol.         6JYWW       Our data are accredited by General requirements for the competence of testing         6HKRGF       the item 1 also presents lactose (substance not controlled)         6QM6WU       Lactose indicated in Item 2         6RYU3F       Item 1 also had lactose w/ the controlled substance. Item 2 had lactose.         74N7LJ       Tramadol was detected in Item 1         7C4WFB       lactose present in Item 2         7DYH6V       Tramadol is federally controlled, but it is not currently controlled in the state of [State].         In item 1 tramadol was identified, which is controlled by the US legislation but not by the legislation of [Country]. The item 2 contains Lactose, which is not a controlled substance.         82EU6T       item 2) alpha-lactose indicated, not reported         86WUMU       Item 2 consistent with Lactose         87QPY6       Tramadol was placed into Schedule IV of the [State] Schedules of controlled substances in 2014. On September 1, 2017 Tramadol was listed in the [State] Controlled Substance Act as a Penalty Group 3 substance.         9CAEUY       Lactose detected in both Items 1 and 2         9EFRNJ       The FTIR spectra of	3WGLUH	Lactose was detected in both samples.
substance([State Legislation]). It does not have a penalty group associated with it(in [State]).         6EBUCD       Item 2 indicated the presence of alpha-Lactose. Item 1 also indicated the presence of alpha-Lactose i well as Tramadol.         6JYVWY       Our data are accredited by General requirements for the competence of testing         6PKR6F       the item 1 also presents lactose (substance not controlled)         6QM6VW       Lactose indicated in Item 2         6RYU3F       Item 1 also had lactose w/ the controlled substance. Item 2 had lactose.         74N7LJ       Tramadol was detected in Item 1         7C4WFB       lactose present in Item 2         7DYH6V       Tramadol vas identified, which is controlled by the US legislation but not by the legislation o [Country]. The item 2 contains Lactose, which is not a controlled substance.         82EU6T       item 2) alpha-lactose indicated, not reported         86WUMU       Item 2 consistent with Lactose         87QPY6       Tramadol was placed into Schedule IV of the [State] schedules of controlled substances in 2014. On September 1, 2017 Tramadol was listed in the [State] Controlled Substance Act as a Penalty Group 3 substance.         9CAEUY       Lactose detected in both Items 1 and 2         9EFRNJ       The FTIR spectro of items 1 and 2 were quite similar (not identical). By applying chromatographic methods (TLC, GCMS) we were able to better distinguish between them (TLC) and then identify the items (GCMS).         9VXME       On September	4BDANG	Lactose was present
well as Tramadol.         6JYWYY       Our data are accredited by General requirements for the competence of testing         6FKRGF       the item 1 also presents lactose (substance not controlled)         6QM6VW       Lactose indicated in Item 2         6RYU3F       Item 1 also had lactose w/ the controlled substance. Item 2 had lactose.         74N7LJ       Tramadol was detected in Item 1         7C4WFB       lactose present in Item 2         7DYH6V       Tramadol is federally controlled, but it is not currently controlled in the state of [State].         7G8X2D       In item 1 tramadol was identified, which is controlled by the US legislation but not by the legislation of [Country]. The item 2 contains Lactose, which is not a controlled substance.         82EU6T       item 2) alpha-lactose indicated, not reported         86WUMU       Item 2 consistent with Lactose         87QPY6       Tramadol is not a controlled drug under [Country's Legislation]         81JRYB       Tramadol was placed into Schedule IV of the [State] Schedules of controlled substances in 2014. On September 1, 2017 Tramadol was listed in the [State] Controlled Substance Act as a Penalty Group 3 substance.         9CAEUY       Lactose detected in both Items 1 and 2         9EFRNJ       The FTIR spectra of items 1 and 2 were quite similar (not identical). By applying chromatographic methods (TLC, GCMS) we were able to better distinguish between them (TLC) and then identify the items (GCMS).         9VXME </td <td>4PWN2N</td> <td></td>	4PWN2N	
6PKRGF       the item 1 also presents lactose (substance not controlled)         6QM6VW       Lactose indicated in Item 2         6RYU3F       Item 1 also had lactose w/ the controlled substance. Item 2 had lactose.         74N7LJ       Tramadol was detected in Item 1         7C4WFB       lactose present in Item 2         7DYH6V       Tramadol is federally controlled, but it is not currently controlled in the state of [State].         7G8X2D       In item 1 tramadol was identified, which is controlled by the US legislation but not by the legislation of [Country]. The item 2 contains Lactose, which is not a controlled substance.         82EU6T       item 2) alpha-lactose indicated, not reported         86WUMU       Item 2 consistent with Lactose         87QPY6       Tramadol was placed into Schedule IV of the [State] schedules of controlled substances in 2014. On September 1, 2017 Tramadol was listed in the [State] controlled Substance Act as a Penalty Group 3 substance.         9CAEUY       Lactose detected in both Items 1 and 2         9EFRNJ       The FTIR spectra of items 1 and 2 were quite similar (not identical). By applying chromatographic methods (TLC, GCMS) we were able to better distinguish between them (TLC) and then identify the items (GCMS).         9V4UCB       THE TRAMADOL IS PART OF THE LAW OF CONTROLLED SUBSTANCES IN THE US         9W26M6       Items 1 and 2 - Lactose was detected.         AJA2R       Item 1 contained Tramadol which is controlled under [Country Legislation] </td <td>6EBUCD</td> <td>Item 2 indicated the presence of alpha-Lactose. Item 1 also indicated the presence of alpha-Lactose a well as Tramadol.</td>	6EBUCD	Item 2 indicated the presence of alpha-Lactose. Item 1 also indicated the presence of alpha-Lactose a well as Tramadol.
6QM6VW       Lactose indicated in Item 2         6RYU3F       Item 1 also had lactose w/ the controlled substance. Item 2 had lactose.         74N7LJ       Tramadol was detected in Item 1         7C4WFB       lactose present in Item 2         7DYH6V       Tramadol is federally controlled, but it is not currently controlled in the state of [State].         7G8X2D       In item 1 tramadol was identified, which is controlled by the US legislation but not by the legislation of [Country]. The item 2 contains Lactose, which is not a controlled substance.         82EU6T       item 2) alpha-lactose indicated, not reported         86WUMU       Item 2 consistent with Lactose         87QPY6       Tramadol was placed into Schedule IV of the [State] schedules of controlled substances in 2014. On September 1, 2017 Tramadol was listed in the [State] controlled Substance Act as a Penalty Group 3 substance.         9CAEUY       Lactose detected in both Items 1 and 2         9EFRNJ       The FTIR spectra of items 1 and 2 were quite similar (not identical). By applying chromatographic methods (TLC, GCMS) we were able to better distinguish between them (TLC) and then identify the items (GCMS).         9JVXME       On September 1st, 2017 Tramadol was added to the [State] Schedules of Controlled Substances.         9V4UCB       THE TRAMADOL IS PART OF THE LAW OF CONTROLLED SUBSTANCES IN THE US         9W26M6       Items 1 and 2 - Lactose was detected.         AAJA2R       Item 1 contained Tramadol which is contro	6JYVWY	Our data are accredited by General requirements for the competence of testing
6RYU3F       Item 1 also had lactose w/ the controlled substance. Item 2 had lactose.         74N7LJ       Tramadol was detected in Item 1         7C4WFB       lactose present in Item 2         7DYH6V       Tramadol is federally controlled, but it is not currently controlled in the state of [State].         7G8X2D       In item 1 tramadol was identified, which is controlled by the US legislation but not by the legislation of [Country]. The item 2 contains Lactose, which is not a controlled substance.         82EU6T       item 2) alpha-lactose indicated, not reported         86WUMU       Item 2 consistent with Lactose         87QPY6       Tramadol was placed into Schedule IV of the [State] schedules of controlled substances in 2014. On September 1, 2017 Tramadol was listed in the [State] Controlled Substance Act as a Penalty Group 3 substance.         9CAEUY       Lactose detected in both Items 1 and 2         9EFRNJ       The FTIR spectra of items 1 and 2 were quite similar (not identical). By applying chromatographic methods [TLC, GCMS] we were able to better distinguish between them (TLC) and then identify the items (GCMS).         9JVXME       On September 1st, 2017 Tramadol was added to schedule IV in the [State] Schedules of Controlled Substances.         9V4UCB       THE TRAMADOL IS PART OF THE LAW OF CONTROLLED SUBSTANCES IN THE US         9W26M6       Items 1 and 2 - Lactose was detected.         ADJA2R       Item 1 contained Tramadol which is controlled under [Country Legislation]	6PKRGF	the item 1 also presents lactose (substance not controlled)
<ul> <li>Tramadol was detected in Item 1</li> <li>Tramadol was detected in Item 2</li> <li>TotAWFB lactose present in Item 2</li> <li>Tramadol is federally controlled, but it is not currently controlled in the state of [State].</li> <li>TG8X2D In item 1 tramadol was identified, which is controlled by the US legislation but not by the legislation of [Country]. The item 2 contains Lactose, which is not a controlled substance.</li> <li>82EU6T item 2) alpha-lactose indicated, not reported</li> <li>86WUMU Item 2 consistent with Lactose</li> <li>87QPY6 Tramadol is not a controlled drug under [Country's Legislation]</li> <li>8TJRYB Tramadol was placed into Schedule IV of the [State] schedules of controlled substances in 2014. On September 1, 2017 Tramadol was listed in the [State] Controlled Substance Act as a Penalty Group 3 substance.</li> <li>9CAEUY Lactose detected in both Items 1 and 2</li> <li>9EFRNJ The FTIR spectra of items 1 and 2 were quite similar (not identical). By applying chromatographic methods (TLC, GCMS) we were able to better distinguish between them (TLC) and then identify the items (GCMS).</li> <li>9JVXME On September 1st, 2017 Tramadol was added to the [State] Health and Safety Code. On October 10th, 2014 Tramadol was added to schedule IV in the [State] Schedules of Controlled Substances.</li> <li>9Y4UCB THE TRAMADOL IS PART OF THE LAW OF CONTROLLED SUBSTANCES IN THE US</li> <li>9W26M6 Items 1 and 2 - Lactose was detected.</li> <li>AAJA2R Item 1 contained Tramadol which is controlled under [Country Legislation]</li> </ul>	6QM6VW	Lactose indicated in Item 2
7C4WFB       lactose present in Item 2         7DYH6V       Tramadol is federally controlled, but it is not currently controlled in the state of [State].         7G8X2D       In item 1 tramadol was identified, which is controlled by the US legislation but not by the legislation of [Country]. The item 2 contains Lactose, which is not a controlled substance.         82EU6T       item 2) alpha-lactose indicated, not reported         86WUMU       Item 2 consistent with Lactose         87QPY6       Tramadol is not a controlled drug under [Country's Legislation]         8TJRYB       Tramadol was placed into Schedule IV of the [State] schedules of controlled substances in 2014. On September 1, 2017 Tramadol was listed in the [State] Controlled Substance Act as a Penalty Group 3 substance.         9CAEUY       Lactose detected in both Items 1 and 2         9EFRNJ       The FTIR spectra of items 1 and 2 were quite similar (not identical). By applying chromatographic methods [TLC, GCMS].         9JXXME       On September 1st, 2017 Tramadol was added to the [State] Health and Safety Code. On October 10th, 2014 Tramadol was added to schedule IV in the [State] Schedules of Controlled Substances.         9Y4UCB       THE TRAMADOL IS PART OF THE LAW OF CONTROLLED SUBSTANCES IN THE US         9W26M6       Item 1 contained Tramadol which is controlled under [Country Legislation]	6RYU3F	Item 1 also had lactose w/ the controlled substance. Item 2 had lactose.
<ul> <li>Tramadol is federally controlled, but it is not currently controlled in the state of [State].</li> <li>In item 1 tramadol was identified, which is controlled by the US legislation but not by the legislation of [Country]. The item 2 contains Lactose, which is not a controlled substance.</li> <li>alpha-lactose indicated, not reported</li> <li>WUMU Item 2 consistent with Lactose</li> <li>Tramadol is not a controlled drug under [Country's Legislation]</li> <li>Tramadol was placed into Schedule IV of the [State] schedules of controlled substances in 2014. On September 1, 2017 Tramadol was listed in the [State] Controlled Substance Act as a Penalty Group 3 substance.</li> <li>PCAEUY Lactose detected in both Items 1 and 2</li> <li>PEFRNJ The FTIR spectra of items 1 and 2 were quite similar (not identical). By applying chromatographic methods (TLC, GCMS) we were able to better distinguish between them (TLC) and then identify the items (GCMS).</li> <li>PJVXME On September 1st, 2017 Tramadol was added to the [State] Health and Safety Code. On October 10th, 2014 Tramadol was added to schedule IV in the [State] Schedules of Controlled Substances.</li> <li>PV4UCB THE TRAMADOL IS PART OF THE LAW OF CONTROLLED SUBSTANCES IN THE US</li> <li>PW26M6 Items 1 and 2 - Lactose was detected.</li> <li>AAJA2R Item 1 contained Tramadol which is controlled under [Country Legislation]</li> </ul>	74N7LJ	Tramadol was detected in Item 1
<ul> <li>7G8X2D In item 1 tramadol was identified, which is controlled by the US legislation but not by the legislation of [Country]. The item 2 contains Lactose, which is not a controlled substance.</li> <li>82EU6T item 2) alpha-lactose indicated, not reported</li> <li>86WUMU Item 2 consistent with Lactose</li> <li>87QPY6 Tramadol is not a controlled drug under [Country's Legislation]</li> <li>8TJRYB Tramadol was placed into Schedule IV of the [State] schedules of controlled substances in 2014. On September 1, 2017 Tramadol was listed in the [State] Controlled Substance Act as a Penalty Group 3 substance.</li> <li>9CAEUY Lactose detected in both Items 1 and 2</li> <li>9EFRNJ The FTIR spectra of items 1 and 2 were quite similar (not identical). By applying chromatographic methods (TLC, GCMS) we were able to better distinguish between them (TLC) and then identify the items (GCMS).</li> <li>9JVXME On September 1st, 2017 Tramadol was added to the [State] Schedules of Controlled Substances.</li> <li>9V4UCB THE TRAMADOL IS PART OF THE LAW OF CONTROLLED SUBSTANCES IN THE US</li> <li>9W26M6 Items 1 and 2 - Lactose was detected.</li> <li>AAJA2R Item 1 contained Tramadol which is controlled under [Country Legislation]</li> </ul>	7C4WFB	lactose present in Item 2
<ul> <li>[Country]. The item 2 contains Lactose, which is not a controlled substance.</li> <li>item 2) alpha-lactose indicated, not reported</li> <li>WUMU</li> <li>Item 2 consistent with Lactose</li> <li>Tramadol is not a controlled drug under [Country's Legislation]</li> <li>Tramadol was placed into Schedule IV of the [State] schedules of controlled substances in 2014. On September 1, 2017 Tramadol was listed in the [State] Controlled Substance Act as a Penalty Group 3 substance.</li> <li>Lactose detected in both Items 1 and 2</li> <li>Lactose detected in both Items 1 and 2 were quite similar (not identical). By applying chromatographic methods (TLC, GCMS) we were able to better distinguish between them (TLC) and then identify the items (GCMS).</li> <li>SUXME</li> <li>On September 1st, 2017 Tramadol was added to the [State] Schedules of Controlled Substances.</li> <li>W1UCB</li> <li>THE TRAMADOL IS PART OF THE LAW OF CONTROLLED SUBSTANCES IN THE US</li> <li>W26M6</li> <li>Item 1 contained Tramadol which is controlled under [Country Legislation]</li> </ul>	7DYH6V	Tramadol is federally controlled, but it is not currently controlled in the state of [State].
<ul> <li>86WUMU Item 2 consistent with Lactose</li> <li>87QPY6 Tramadol is not a controlled drug under [Country's Legislation]</li> <li>8TJRYB Tramadol was placed into Schedule IV of the [State] schedules of controlled substances in 2014. On September 1, 2017 Tramadol was listed in the [State] Controlled Substance Act as a Penalty Group 3 substance.</li> <li>9CAEUY Lactose detected in both Items 1 and 2</li> <li>9EFRNJ The FTIR spectra of items 1 and 2 were quite similar (not identical). By applying chromatographic methods (TLC, GCMS) we were able to better distinguish between them (TLC) and then identify the items (GCMS).</li> <li>9JVXME On September 1st, 2017 Tramadol was added to the [State] Health and Safety Code. On October 10th, 2014 Tramadol was added to schedule IV in the [State] Schedules of Controlled Substances.</li> <li>9V4UCB THE TRAMADOL IS PART OF THE LAW OF CONTROLLED SUBSTANCES IN THE US</li> <li>9W26M6 Items 1 and 2 - Lactose was detected.</li> <li>AAJA2R Item 1 contained Tramadol which is controlled under [Country Legislation]</li> </ul>	7G8X2D	In item 1 tramadol was identified, which is controlled by the US legislation but not by the legislation of [Country]. The item 2 contains Lactose, which is not a controlled substance.
<ul> <li>87QPY6 Tramadol is not a controlled drug under [Country's Legislation]</li> <li>8TJRYB Tramadol was placed into Schedule IV of the [State] schedules of controlled substances in 2014. On September 1, 2017 Tramadol was listed in the [State] Controlled Substance Act as a Penalty Group 3 substance.</li> <li>9CAEUY Lactose detected in both Items 1 and 2</li> <li>9EFRNJ The FTIR spectra of items 1 and 2 were quite similar (not identical). By applying chromatographic methods (TLC, GCMS) we were able to better distinguish between them (TLC) and then identify the items (GCMS).</li> <li>9JVXME On September 1st, 2017 Tramadol was added to the [State] Health and Safety Code. On October 10th, 2014 Tramadol was added to schedule IV in the [State] Schedules of Controlled Substances.</li> <li>9V4UCB THE TRAMADOL IS PART OF THE LAW OF CONTROLLED SUBSTANCES IN THE US</li> <li>9W26M6 Items 1 and 2 - Lactose was detected.</li> <li>AAJA2R Item 1 contained Tramadol which is controlled under [Country Legislation]</li> </ul>	82EU6T	item 2) alpha-lactose indicated, not reported
<ul> <li>8TJRYB Tramadol was placed into Schedule IV of the [State] schedules of controlled substances in 2014. On September 1, 2017 Tramadol was listed in the [State] Controlled Substance Act as a Penalty Group 3 substance.</li> <li>9CAEUY Lactose detected in both Items 1 and 2</li> <li>9EFRNJ The FTIR spectra of items 1 and 2 were quite similar (not identical). By applying chromatographic methods (TLC, GCMS) we were able to better distinguish between them (TLC) and then identify the items (GCMS).</li> <li>9JVXME On September 1st, 2017 Tramadol was added to the [State] Health and Safety Code. On October 10th, 2014 Tramadol was added to schedule IV in the [State] Schedules of Controlled Substances.</li> <li>9V4UCB THE TRAMADOL IS PART OF THE LAW OF CONTROLLED SUBSTANCES IN THE US</li> <li>9W26M6 Items 1 and 2 - Lactose was detected.</li> <li>AAJA2R Item 1 contained Tramadol which is controlled under [Country Legislation]</li> </ul>	86WUMU	Item 2 consistent with Lactose
<ul> <li>September 1, 2017 Tramadol was listed in the [State] Controlled Substance Act as a Penalty Group 3 substance.</li> <li>9CAEUY Lactose detected in both Items 1 and 2</li> <li>9EFRNJ The FTIR spectra of items 1 and 2 were quite similar (not identical). By applying chromatographic methods (TLC, GCMS) we were able to better distinguish between them (TLC) and then identify the items (GCMS).</li> <li>9JVXME On September 1st, 2017 Tramadol was added to the [State] Health and Safety Code. On October 10th, 2014 Tramadol was added to schedule IV in the [State] Schedules of Controlled Substances.</li> <li>9V4UCB THE TRAMADOL IS PART OF THE LAW OF CONTROLLED SUBSTANCES IN THE US</li> <li>9W26M6 Items 1 and 2 - Lactose was detected.</li> <li>AAJA2R Item 1 contained Tramadol which is controlled under [Country Legislation]</li> </ul>	87QPY6	Tramadol is not a controlled drug under [Country's Legislation]
<ul> <li>9EFRNJ The FTIR spectra of items 1 and 2 were quite similar (not identical). By applying chromatographic methods (TLC, GCMS) we were able to better distinguish between them (TLC) and then identify the items (GCMS).</li> <li>9JVXME On September 1st, 2017 Tramadol was added to the [State] Health and Safety Code. On October 10th, 2014 Tramadol was added to schedule IV in the [State] Schedules of Controlled Substances.</li> <li>9V4UCB THE TRAMADOL IS PART OF THE LAW OF CONTROLLED SUBSTANCES IN THE US</li> <li>9W26M6 Items 1 and 2 - Lactose was detected.</li> <li>AAJA2R Item 1 contained Tramadol which is controlled under [Country Legislation]</li> </ul>	8TJRYB	September 1, 2017 Tramadol was listed in the [State] Controlled Substance Act as a Penalty Group 3
<ul> <li>methods (TLC, GCMS) we were able to better distinguish between them (TLC) and then identify the items (GCMS).</li> <li>9JVXME On September 1st, 2017 Tramadol was added to the [State] Health and Safety Code. On October 10th, 2014 Tramadol was added to schedule IV in the [State] Schedules of Controlled Substances.</li> <li>9V4UCB THE TRAMADOL IS PART OF THE LAW OF CONTROLLED SUBSTANCES IN THE US</li> <li>9W26M6 Items 1 and 2 - Lactose was detected.</li> <li>AAJA2R Item 1 contained Tramadol which is controlled under [Country Legislation]</li> </ul>	9CAEUY	Lactose detected in both Items 1 and 2
10th, 2014 Tramadol was added to schedule IV in the [State] Schedules of Controlled Substances.9V4UCBTHE TRAMADOL IS PART OF THE LAW OF CONTROLLED SUBSTANCES IN THE US9W26M6Items 1 and 2 - Lactose was detected.AAJA2RItem 1 contained Tramadol which is controlled under [Country Legislation]	9EFRNJ	methods (TLC, GCMS) we were able to better distinguish between them (TLC) and then identify the
9W26M6Items 1 and 2 - Lactose was detected.AAJA2RItem 1 contained Tramadol which is controlled under [Country Legislation]	9JVXME	
AAJA2R Item 1 contained Tramadol which is controlled under [Country Legislation]	9V4UCB	THE TRAMADOL IS PART OF THE LAW OF CONTROLLED SUBSTANCES IN THE US
	9W26M6	Items 1 and 2 - Lactose was detected.
ABPYX9 Tramado was detected in item 1. Lactose was detected in item 2.	AAJA2R	Item 1 contained Tramadol which is controlled under [Country Legislation]
	ABPYX9	Tramado was detected in item 1. Lactose was detected in item 2.

AGF6YQ Tramadol was listed in [Country Legislation].

### TABLE 3

WebCode	Additional Comments
AM23KR	Evidence of Dimethyltrytamine was also present in Item 1.
AM8AUF	Tramadol was detected in Item 1
AQPP9D	2. Lactose detected
BAG2K6	Lactose was detected in both powders (Items 1 and 2).
BKXQF4	Item 1 note: Effective September 25, 2015, tramadol was scheduled as a Schedule IV controlled substance by the [State Legislation]. Tramadol is also listed as Schedule IV, according to Title 21 CFR 1308.14 (b)(3). Item 2 note: Identified during the analysis was lactose (non-controlled).
C6LLJB	Lactose was detected by FTIR in Item 2.
CW73YC	For item 1, tramadol was indicated by a literary search. No reference material available to confirm the presence of tramadol. Tramadol is not controlled in [State], but is federally controlled.
CXE4YP	Tramadol is listed in [Legislation].
D78VKN	1) Item 1 was found to contain tramadol and lactose. 2) Item 2 was found to contain lactose.
DPHNPB	Tramadol was detected in Item 1
DW4G4V	Item 2 was identified as Lactose.
E24HCN	Tramadol is a controlled substance under schedule IV of the United States Controlled Substances Act.
E4WBCE	Library searches match lactose.
EJQRM7	In item 2, lactose was detected via FTIR.
ETDULT	Item #2 Possible Lactose Present.
G8P2P4	lactose and tramadol are not controlled under [Country] law
GHL8H2	In Sample No. 1 also contained lactose.
GMHT8J	Tramadol is listed under [Country Legislation]
GVJRGL	Item 2 is consistent with lactose.
H3TPD4	Possible Alpha Lactose detected in item #1. Possible Alpha Lactose detected in item #2.
Н6НҮКЈ	We detected tramadol and lactose in Item 1, but tramadol is not controlled as narcotics in our country. Tramadol is a regulated pharmaceutical. We detected only lactose in Item 2.
HCEQTD	Based upon FTIR analysis, both Item 1 and Item 2 were consistent with the presence of lactose monohydrate
HM4JCP	Tramadol is non-controlled per [State] statutes; but one that is federally controlled.
J9UCN4	[State] scheduled Tramadol October 2014. It was added to the [State] Health and Safety Code on September 1, 2017
JA7YE6	Tramadol and Lactose were detected in Item 1. Lactose was detected in Item 2.
JD87PV	Tramadol is listed as a Schedule IV dangerous drug in the [Legislation] effective September 25, 2015.
JWFC3H	Evidence of Methanamine was also present in Sample 2.
JY8ACB	Item 2 contains lactose monohydrate.
JZ6HX2	Lactose was detected for both Items.
KCNPUZ	The presence of controlled substances was discarded using GCMS on item 2
KGTA2Y	Tramadol is not controlled per [State] Statutes.
KRQ3KX	FTIR-ATR analysis has spectra similar to lactose, did not confirm substance is lactose.
KTGAGF	Item 2 found to contain reducing sugar

#### TABLE 3

	TABLE 5
WebCode	Additional Comments
KWDWB4	Tramadol was detected in Item 1. Lactose was detected in Item 2.
LCZVDM	[Laboratory] is a [Country] laboratory and as such the controlled substances in this analysis have been determined as per [Legislation] (as amended). Please note: Lactose was also indicated as being present in both Item 1 and Item 2. Lactose is not a controlled substance under the provisions of [Legislation] (as amended).
LR2G9J	Tramadol prescription only in [State] until Aug. 9, 2017 when it is listed as a narcotic drug under [State] Revised Statutes.
LZHTQQ	Tramadol is controlled federally, but is not controlled in the state of [State].
MWBR4X	Item 1 - Lactose also detected. Item 2 - Lactose detected.
N47BLE	In items 1 and 2 the presence of lactose was detected
P6WWPV	Lactose was detected in Item 1. Lactose was detected in Item 2.
PHXMCU	Item 1 was presumptively identified, as Tramadol is not controlled in [State] and a standard was not readily available at the time of analysis.
PXDJZ4	For item 1: Tramadol is not specifically controlled in [State]; however, it is controlled federally (Schedule IV). A substance consistent with lactose was also present. For item 2: A substance consistent with lactose was also present.
Q38RNB	Lactose cutting agent
QL64JQ	Tramadol was detected in item 1. Tramadol is not a controlled substance in this jurisdiction.
QQ7PP8	The salt forms or cutting agents present in both samples were not determined. The Tramadol in Item 1 was also not quantified.
R2Q3X4	Analytical results for item 2 are consistent with the presence of lactose. This result was not confirmed.
RB77PU	In items 1 and 2 the presence of lactose was detected
RGG8WK	Item 1 contained lactose and 17% of tramadol. ITEM 2 contained lactose.
RRX4RP	question 2a: Lactose was detected in item 2.
Rykncj	Tramadol is controlled federally but is not controlled in the State of [State]
Т6КЕ9Т	Tramadol was added as a controlled substance in [State] Health and Safety Code as of September 1st, 2017 and has been a Schedule IV drug since October 10th, 2014 in [State].
T82WW4	Tramadol is listed under [Legislation]. Both items 1 and 2 contain Lactose.
TA2LWT	Lactose detected in Item 2
TAJJBE	Item 1 is not controlled under [State] statutes.
TDC2VJ	Item 1 was found to contain tramadol. Tramadol is not a controlled drug listed in the First Schedule to the [Legislation] in [Country]. No common controlled drug was detected in Item 2. Feedback: Since this is an international PT, can international lab (outside US) just identify the substance of interest and do not need to report the controlled status of the substance.
TF2A3Y	Per [Laboratory] Forensic Chemistry Unit interpretation policy: "None identified by routine analytical methods," will be used in the "results" section to describe exhibits that demonstrated unidentified peaks by GCMS, or GCMS library matches for which there is no Drug Reference Standard to use for GCMS confirmation of spectra. This result is reported for Sample 2
TFXMN7	I found Lactose compound as an other substance detected in Item 1 and Item 2 by using FTIR.
TLPVBL	Item 1: 0.229 gram, tramadol. Item 2: 0.290 gram, No controlled substances identified.
TLQG9M	Item 2: Lactose was indicated using FTIR, but could not be confirmed.
UMY98T	Lactose was found in Items 1 and 2.

#### TABLE 3

WebCode	Additional Comments
UPLXDR	Tramadol was detected in Item 1. Lactose was detected in Item 2.
UQY9QY	Item 1: Tramadol was present in the white powdery substance. Tramadol is listed in the [Country Legislation]. Item 2: No control substance detected from analysis it was found to be lactose.
UT99XR	Possible lactose detected by FTIR in item 2.
UVETKR	Lactose was detected in Item 2 by FTIR.
VMQM8R	In items 1 and 2 the presence of lactose was detected
VRUG7L	In addition to the Tramadol, item 1 also indicated Lactose. Item 2 indicated Lactose.
WAZ6Z6	Item 1: Tramadol was present in the white powdery substance. Tramadol is listed in the [Country Legislation]. Item 2: No Control Substance detected from analysis it was found to be Lactose.
WCUX7A	Item 1 is not controlled per [State] statutes
WD6XU4	Item 1 contained Lactose monohydrate. Item 2 contained Lactose monohydrate.
WGZKPD	Tramadol is a schedule IV federally controlled substance. This substance is not specifically controlled under [State] law.
WTH69A	Item 1 was found to contain tramadol. Tramadol is not a controlled drug listed in the First Schedule to the [Legislation] in [Country]. No common controlled drug was detected in Item 2.
WXC3UK	Both items 1 and 2 contained lactose monohydrate (indicated through Raman)
X6NECP	Tramadol was detected in Item 1. Lactose was detected in Item 2.
XK92UN	Analysis indicated the powders from Item 1 and Item 2 each contained lactose.
XKYBEP	Lactose was detected by FTIR in Item 2.
XLB4ZQ	In [Country] Tramadol is not controlled under our [Legislation] so I have selected 'no controlled drug' as we would report it but would say that it is not controlled under this specific act.
Y4BKTV	Item 1 also contains a compound consistent with lactose. Item 2 contains a compound consistent with lactose.
YYB3NN	[From Tables 1b & 2b - Examination Methods - Color Tests: "Mayers, Cobalt Thiocyanate, Marquis, Froehde, Ehrlich, Sodium Nitroprusside/Sodium Bicarbonate."
ZTPDWQ	Item 1 contains: Tramadol and Lactose. Item 2 contains: Lactose.
ZUGLRN	Item 1, preliminary positive for TRAMADOL. This result cannot be confirmed due to there is no standard available in the lab at this time.
ZVYCDE	Item 2 (Item 001.02): Identified in the analysis was lactose (non-controlled).
ZZ4J8N	For item # 1, GC/MS indicated tramadol. The State of [State] does not list tramadol as a [State] controlled substance. Our laboratory does not maintain a reference material for tramadol.

\*\*\*\*\*

# **Appendix: Data Sheet**

Collaborative Testing Services ~ Forensic Testing Program

#### Test No. 17-502: Drug Analysis

#### DATA MUST BE RECEIVED BY September 25, 2017 TO BE INCLUDED IN THE REPORT

Par	ticipant Code:	WebCode:	
	Accreditat	tion Release Statemer	nt
		data directly to ASCLD/LAB, A ents to ensure your data is ha	
This   (Accre	oarticipant's data is intended editation Release section on th	l for submission to ASCLD/LAB, A e last page must be completed and	NAB, and/or A2LA. submitted.)
This	participant's data is <b>NOT</b> inte	ended for submission to ASCLD/I	AB, ANAB or A2LA.
<u>Scenario:</u>			

An investigator has submitted two questioned powdered substances for analysis. Please examine the samples and determine if any controlled substances are present.

Please note: The controlled status of substances are based on the list in section 1308 of Title 21 Code of Federal Regulations under the United States Controlled Substances Act.

#### Items Submitted (Sample Pack DA2):

Item 1: First powdered substance

Item 2: Second powdered substance

#### 1a.) Were any controlled substances present in Item 1? If yes, list each substance.

No controlled substance detected/identified

Controlled Substance(s) detected/identified (please list below). Indicate salt form if determined.

#### 1b.) What methods were used to examine Item 1?

(If color and/or crystal tests are used, please simply check the appropriate method below. Specific color and crystal tests will not be listed in the summary report.)

Color Tests	FTIR	LC
Crystal Tests	GC	UV
TLC	GC/MS	Microscopic
Other (specify):		

Please return all pages of this data sheet.

Participant Code: WebCode:

#### 2a.) Were any controlled substances present in Item 2? If yes, list each substance.

		detected/identified	I.
INO controlled	substance	detected/identified	L
	cobolarico	dolocioa, laolinnoc	•

Controlled Substance(s) detected/identified (please list below). Indicate salt form if determined.

#### 2b.) What methods were used to examine Item 2?

(If color and/or crystal tests are used, please simply check the appropriate method below. Specific color and crystal tests will not be listed in the summary report.)

Color Tests	FTIR	LC
Crystal Tests	GC	UV
TLC	GC/MS	Microscopic
Other (specify):		

#### **3.) Additional Comments**

Return Instructions: Data must be received via online data entry, fax (please include a cover sheet), or mail by <i>September 25, 2017</i> to be included in the		Participant Code: ONLINE DATA ENTRY: www.cts-portal.com	
report. Emailed data sheets are not accepted. QUESTIONS?	FAX:	+1-571-434-1937	
TEL: +1-571-434-1925 (8 am - 4:30 pm EST) EMAIL: forensics@cts-interlab.com www.ctsforensics.com	MAIL:	Collaborative Testing Services, Inc. P.O. Box 650820 Sterling, VA 20165-0820 USA	

Please return all pages of this data sheet.

#### Collaborative Testing Services ~ Forensic Testing Program

#### **RELEASE OF DATA TO ACCREDITATION BODIES**

The following Accreditation Releases will apply only to:

Participant Code:

WebCode:

for Test No. 17-502: Drug Analysis

This release page must be completed and received by <u>September 25, 2017</u> to have this participant's submitted data included in the reports forwarded to the respective Accreditation Bodies.

Have the laboratory's designated individual complete the following steps only if your laboratory is accredited in this testing/calibration discipline by one or more of the following Accreditation Bodies.

Step 1: Provide th	ne applicable Accre	editation Certificate Number(s) for your laboratory		
ASCLI	<b>D/LAB</b> Certificate No.			
	ANAB Certificate No.			
	<b>A2LA</b> Certificate No.			
Step 2: Complete the Laboratory Identifying Information in its entirety				
Signature and Title				
Laboratory Name				
Location (City/State)				
1				

Return Instructions	Accreditation Rele	ease	
	ed Accreditation Release at data sheet. See Data Sheet previous page.	Telepho	t us 8 am-4:30 pm EST ne: +1-571-434-1925 ensics@cts-interlab.com
Please return all pages of this data sheet. Page			Page 3 of 3