



Drug Analysis

Test No. 24-5001 Summary Report

Each sample set consisted of two questioned samples containing powder substances, which participants were requested to analyze. Data were returned from 650 participants 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 set consisted of two items. Participants were asked to examine the contents of each sample and determine if any controlled substances were present. Item 1 contained 200 mg of creatine monohydrate powder. Item 2 contained 250 mg of approximately 25% tramadol hydrochloride and 75% caffeine. Tramadol hydrochloride is a Schedule IV controlled substance in the United States.

SAMPLE PREPARATION: Any powder was pure prior to mixing. Item 2 was created by combining tramadol hydrochloride with caffeine and mixing thoroughly to ensure homogeneity.

ITEM 1 (PREPARATION): Approximately 200 mg of the creatine monohydrate 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, which was heat sealed and then placed into a pre-labeled envelope.

ITEM 2 (PREPARATION): Approximately 250 mg of the homogenous tramadol hydrochloride and caffeine 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, which was heat sealed and then placed into a pre-labeled envelope.

SAMPLE SET ASSEMBLY: One of each of the Item 1 and Item 2 envelopes were placed into a pre-labeled sample set envelope.

VERIFICATION: Predistribution results were consistent with each other and the manufacturer's preparation information. The labs used the following combined list of methods: color tests, GC/MS.

Item	Substance
1	No Controlled Substance
2	Tramadol hydrochloride

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. Participants were supplied with two samples consisting of white powdered substances. Item 1 contained creatine monohydrate powder, and Item 2 contained a mixture of tramadol hydrochloride and caffeine. Refer to the Manufacturer's Information for preparation details.

For Item 1, 648 of the 650 participants (99.7%) reported that no controlled substance was detected/identified. The remaining two participants reported the detection of tramadol.

For Item 2, 645 of the 650 participants (99.2%) reported the detection of tramadol. Four participants reported that no controlled substance was identified/detected, one of which mentioned in the additional comments section that the item is presumptively positive for tramadol. The one remaining participant reported that only caffeine was identified.

The most common examination methods utilized among participants for both items were GC/MS, color tests, and FTIR.

Drug Analysis (Item 1)

TABLE 1a - Item 1 Results

Item Contents: No Controlled Substance

WebCode	Controlled Substance Detected	WebCode	Controlled Substance Detected
22GPKU	No controlled substance detected/identified	2XF7KV	No controlled substance detected/identified
22XJ6H	No controlled substance detected/identified	2YQ28M	No controlled substance detected/identified
26XPQF	No controlled substance detected/identified	2ZQQ7V	No controlled substance detected/identified
29GAK4	No controlled substance detected/identified	32EM79	No controlled substance detected/identified
29GCA9	No controlled substance detected/identified	32WRQM	No controlled substance detected/identified
29XXVQ	No controlled substance detected/identified	33C6G7	No controlled substance detected/identified
2AN7UU	No controlled substance detected/identified	344R3M	No controlled substance detected/identified
2BGYPC	No controlled substance detected/identified	36CHUX	No controlled substance detected/identified
2CHQ7T	No controlled substance detected/identified	38727W	No controlled substance detected/identified
2CWCFV	No controlled substance detected/identified	38JQAA	No controlled substance detected/identified
2DETNM	No controlled substance detected/identified	39G4RV	No controlled substance detected/identified
2E2Q2F	No controlled substance detected/identified	3A4R4V	No controlled substance detected/identified
2EN96N	No controlled substance detected/identified	3AP3ZJ	No controlled substance detected/identified
2HREV9	No controlled substance detected/identified	3APUYX	No controlled substance detected/identified
2LCUBF	No controlled substance detected/identified	3HXU78	No controlled substance detected/identified
2MKNV2	No controlled substance detected/identified	3KREH7	No controlled substance detected/identified
2TJJPL	No controlled substance detected/identified	3ME3U7	No controlled substance detected/identified
2UED9C	No controlled substance detected/identified	3MEBQW	No controlled substance detected/identified
2UMWWG	No controlled substance detected/identified	3NAVDW	No controlled substance detected/identified
2VUZZJ	No controlled substance detected/identified	3QTW8H	No controlled substance detected/identified
2W78C8	No controlled substance detected/identified	3R8CPQ	No controlled substance detected/identified

TABLE 1a - Item 1 Results
Item Contents: No Controlled Substance

WebCode	Controlled Substance Detected	WebCode	Controlled Substance Detected
3RLTWC	No controlled substance detected/identified	62QXYX	No controlled substance detected/identified
3T6XRB	No controlled substance detected/identified	6343LH	No controlled substance detected/identified
3TY9EK	No controlled substance detected/identified	64C2U6	No controlled substance detected/identified
3UE37Y	No controlled substance detected/identified	6677MX	No controlled substance detected/identified
3URBV9	No controlled substance detected/identified	68P2RW	No controlled substance detected/identified
3WJA97	No controlled substance detected/identified	69FM8V	No controlled substance detected/identified
3WLV88	No controlled substance detected/identified	69QPE3	No controlled substance detected/identified
3XCUL7	No controlled substance detected/identified	6AJL4W	No controlled substance detected/identified
428VQX	No controlled substance detected/identified	6BDYE9	No controlled substance detected/identified
44YT6W	No controlled substance detected/identified	6BFLWL	No controlled substance detected/identified
477L76	No controlled substance detected/identified	6C3MXH	No controlled substance detected/identified
47MJFV	No controlled substance detected/identified	6DBG4C	No controlled substance detected/identified
4CR2QM	No controlled substance detected/identified	6GBRYB	No controlled substance detected/identified
4DAT2T	No controlled substance detected/identified	6KJCMH	No controlled substance detected/identified
4G2RZ3	No controlled substance detected/identified	6LEWAH	No controlled substance detected/identified
4HDGGU	No controlled substance detected/identified	6MNA6J	No controlled substance detected/identified
4JUNPW	No controlled substance detected/identified	6PRRV8	No controlled substance detected/identified
4LDPJJ	No controlled substance detected/identified	6Q4WHN	No controlled substance detected/identified
4LFC2W	No controlled substance detected/identified	6VMUBK	No controlled substance detected/identified
4QH6FF	No controlled substance detected/identified	6XZDU9	No controlled substance detected/identified
4XQVMY	No controlled substance detected/identified	6Y6LMV	No controlled substance detected/identified
62K67B	No controlled substance detected/identified	6YY2A6	No controlled substance detected/identified

TABLE 1a - Item 1 Results
Item Contents: No Controlled Substance

WebCode	Controlled Substance Detected	WebCode	Controlled Substance Detected
6YZ6BP	No controlled substance detected/identified	7KF97D	No controlled substance detected/identified
6ZB7WN	No controlled substance detected/identified	7KYMMF	No controlled substance detected/identified
6ZFWDY	No controlled substance detected/identified	7LPZET	No controlled substance detected/identified
6ZUX79	No controlled substance detected/identified	7MNPUP	No controlled substance detected/identified
726CT9	No controlled substance detected/identified	7NVQFG	No controlled substance detected/identified
73YBEE	No controlled substance detected/identified	7VXLQ3	No controlled substance detected/identified
749HJT	No controlled substance detected/identified	7XHMKN	No controlled substance detected/identified
74PDMU	No controlled substance detected/identified	7XJFKH	No controlled substance detected/identified
77X733	No controlled substance detected/identified	7ZAHAA	No controlled substance detected/identified
77ZE9M	No controlled substance detected/identified	82FMXQ	No controlled substance detected/identified
793GTG	No controlled substance detected/identified	82XGYZ	No controlled substance detected/identified
79MPR8	No controlled substance detected/identified	82XZX3	No controlled substance detected/identified
7BRLQV	No controlled substance detected/identified	842AQE	No controlled substance detected/identified
7CLZM8	No controlled substance detected/identified	8498AQ	No controlled substance detected/identified
7DDUQ3	No controlled substance detected/identified	86M4VF	No controlled substance detected/identified
7DYDPH	No controlled substance detected/identified	87T6F8	No controlled substance detected/identified
7F6LMM	No controlled substance detected/identified	8928TR	No controlled substance detected/identified
7GE4VD	No controlled substance detected/identified	8BNK2E	No controlled substance detected/identified
7GJT94	No controlled substance detected/identified	8DDMAN	No controlled substance detected/identified
7GYNLH	No controlled substance detected/identified	8E3WKW	No controlled substance detected/identified
7H8WQW	No controlled substance detected/identified	8E4K82	No controlled substance detected/identified
7JX4QZ	No controlled substance detected/identified	8EKJJE	No controlled substance detected/identified

TABLE 1a - Item 1 Results
Item Contents: No Controlled Substance

WebCode	Controlled Substance Detected	WebCode	Controlled Substance Detected
8FECEW	No controlled substance detected/identified	9XWBUZ	No controlled substance detected/identified
8GVGWV	No controlled substance detected/identified	9YQYEG	No controlled substance detected/identified
8JFHRH	No controlled substance detected/identified	A2C68C	No controlled substance detected/identified
8JWUAM	No controlled substance detected/identified	A6CA2J	No controlled substance detected/identified
8L7P4R	No controlled substance detected/identified	A748FH	No controlled substance detected/identified
8P3DHD	No controlled substance detected/identified	A99EJP	No controlled substance detected/identified
8RMCNV	No controlled substance detected/identified	AAL34P	No controlled substance detected/identified
8RUA88	No controlled substance detected/identified	ACUHPG	No controlled substance detected/identified
8UX8FE	No controlled substance detected/identified	AEFYTG	No controlled substance detected/identified
8YDF4E	No controlled substance detected/identified	AEGJ9A	No controlled substance detected/identified
8ZLM9T	No controlled substance detected/identified	AG3HUE	No controlled substance detected/identified
9ANCJ3	No controlled substance detected/identified	AJTQTG	No controlled substance detected/identified
9ANJDG	No controlled substance detected/identified	ALLZ4P	No controlled substance detected/identified
9B3YVP	No controlled substance detected/identified	AN7G7P	No controlled substance detected/identified
9BGQXY	No controlled substance detected/identified	AR7T3P	No controlled substance detected/identified
9CAZV3	No controlled substance detected/identified	ATFXFD	No controlled substance detected/identified
9DLZQB	No controlled substance detected/identified	AVHPL6	No controlled substance detected/identified
9E8VUD	No controlled substance detected/identified	B4CA4Q	No controlled substance detected/identified
9GBQDF	No controlled substance detected/identified	B67UFQ	No controlled substance detected/identified
9KBYHQ	No controlled substance detected/identified	B69GW4	Tramadol
9P29RN	No controlled substance detected/identified	B8JKG8	No controlled substance detected/identified
9R4N4F	No controlled substance detected/identified	B8RHQQ	No controlled substance detected/identified

TABLE 1a - Item 1 Results
Item Contents: No Controlled Substance

WebCode	Controlled Substance Detected	WebCode	Controlled Substance Detected
B9NBBF	No controlled substance detected/identified	C9L9BF	No controlled substance detected/identified
BB8C63	No controlled substance detected/identified	CBQH4R	No controlled substance detected/identified
BC7BNB	No controlled substance detected/identified	CC8XT9	No controlled substance detected/identified
BDXEDB	No controlled substance detected/identified	CDF39H	No controlled substance detected/identified
BDYUH2	No controlled substance detected/identified	CDJ3GR	No controlled substance detected/identified
BFNYFF	No controlled substance detected/identified	CGYTLM	No controlled substance detected/identified
BJTWZ4	No controlled substance detected/identified	CHAZX9	No controlled substance detected/identified
BKWZ3P	No controlled substance detected/identified	CJ66DW	No controlled substance detected/identified
BKXNPV	No controlled substance detected/identified	CJLCMK	No controlled substance detected/identified
BLBFKX	No controlled substance detected/identified	CKWDAJ	No controlled substance detected/identified
BLDXUP	No controlled substance detected/identified	CL6DH7	No controlled substance detected/identified
BMNHFP	No controlled substance detected/identified	CLWLQV	No controlled substance detected/identified
BMQKEP	No controlled substance detected/identified	CMFE46	No controlled substance detected/identified
BPAL9B	No controlled substance detected/identified	CMH3KJ	No controlled substance detected/identified
BQMD4D	No controlled substance detected/identified	CNW97Z	No controlled substance detected/identified
BQQTJZ	No controlled substance detected/identified	CPCLWH	No controlled substance detected/identified
BR24MB	No controlled substance detected/identified	CQCLAP	No controlled substance detected/identified
BTBH3C	No controlled substance detected/identified	CQLQB7	No controlled substance detected/identified
BU8NCW	No controlled substance detected/identified	CRVMR6	No controlled substance detected/identified
BURTXN	No controlled substance detected/identified	CT7PFN	No controlled substance detected/identified
BWYK2Q	No controlled substance detected/identified	CTDMYZ	No controlled substance detected/identified
C484MG	No controlled substance detected/identified	CYDAPF	No controlled substance detected/identified

TABLE 1a - Item 1 Results
 Item Contents: No Controlled Substance

WebCode	Controlled Substance Detected	WebCode	Controlled Substance Detected
CYZCJB	No controlled substance detected/identified	EEM69L	No controlled substance detected/identified
CZ6C63	No controlled substance detected/identified	EFYCKA	No controlled substance detected/identified
D46MYH	No controlled substance detected/identified	EG3DXR	No controlled substance detected/identified
D7WRK3	No controlled substance detected/identified	EG6YT8	No controlled substance detected/identified
D9ZVKH	No controlled substance detected/identified	EH7Q6L	No controlled substance detected/identified
DAK8A3	No controlled substance detected/identified	EMTAWV	No controlled substance detected/identified
DCFPYU	No controlled substance detected/identified	EPHWF7	No controlled substance detected/identified
DCHCF9	No controlled substance detected/identified	ER9GJV	No controlled substance detected/identified
DFE4LJ	No controlled substance detected/identified	EUVQK3	No controlled substance detected/identified
DJZPE8	No controlled substance detected/identified	EVLYJ7	No controlled substance detected/identified
DMGHJ2	No controlled substance detected/identified	EXXL47	No controlled substance detected/identified
DMY2B8	No controlled substance detected/identified	EZHMYR	No controlled substance detected/identified
DNT8Y8	No controlled substance detected/identified	F383DU	No controlled substance detected/identified
DP8C8B	No controlled substance detected/identified	F3J7H7	No controlled substance detected/identified
DUKWDW	No controlled substance detected/identified	F6R38G	No controlled substance detected/identified
DUYQ8X	No controlled substance detected/identified	F8D38W	No controlled substance detected/identified
E2X97M	No controlled substance detected/identified	FAYQJW	No controlled substance detected/identified
E38AU8	No controlled substance detected/identified	FCCATU	No controlled substance detected/identified
E4HV33	No controlled substance detected/identified	FCTBVW	No controlled substance detected/identified
E4XVMR	No controlled substance detected/identified	FF7BRN	No controlled substance detected/identified
E834R9	No controlled substance detected/identified	FHX8GG	No controlled substance detected/identified
EDA8MV	No controlled substance detected/identified	FJRV2X	No controlled substance detected/identified

TABLE 1a - Item 1 Results
Item Contents: No Controlled Substance

WebCode	Controlled Substance Detected	WebCode	Controlled Substance Detected
FKH9B4	No controlled substance detected/identified	GAF8C6	No controlled substance detected/identified
FLFYJP	No controlled substance detected/identified	GBTPL3	No controlled substance detected/identified
FN8V8H	No controlled substance detected/identified	GECQFN	No controlled substance detected/identified
FPXFY4	No controlled substance detected/identified	GF6M6H	No controlled substance detected/identified
FTEZJX	No controlled substance detected/identified	GG3EC4	No controlled substance detected/identified
FTVAJQ	No controlled substance detected/identified	GGNF6K	No controlled substance detected/identified
FTZM7L	No controlled substance detected/identified	GHBQRJ	No controlled substance detected/identified
FU9KWW	No controlled substance detected/identified	GHV88L	No controlled substance detected/identified
FV62R7	No controlled substance detected/identified	GKDBDD	No controlled substance detected/identified
FVM78K	No controlled substance detected/identified	GMQYFJ	No controlled substance detected/identified
FWXGBV	No controlled substance detected/identified	GQTYFF	No controlled substance detected/identified
FX7837	No controlled substance detected/identified	GRJUPP	No controlled substance detected/identified
FXCB6X	No controlled substance detected/identified	GRKV6A	No controlled substance detected/identified
FYMVRK	No controlled substance detected/identified	GVF9N8	No controlled substance detected/identified
FZHZ6L	No controlled substance detected/identified	GVH4YQ	No controlled substance detected/identified
G42BU3	No controlled substance detected/identified	GVR96	No controlled substance detected/identified
G4TX4D	No controlled substance detected/identified	GXNFTL	No controlled substance detected/identified
G6R9CG	No controlled substance detected/identified	GZU2J8	No controlled substance detected/identified
G7KUR7	No controlled substance detected/identified	GZVGQJ	No controlled substance detected/identified
G8UKJG	No controlled substance detected/identified	GZWLG9	No controlled substance detected/identified
G8V97M	No controlled substance detected/identified	H3HNZ2	No controlled substance detected/identified
G9M6VG	No controlled substance detected/identified	H3X2DC	No controlled substance detected/identified

TABLE 1a - Item 1 Results
Item Contents: No Controlled Substance

WebCode	Controlled Substance Detected	WebCode	Controlled Substance Detected
H62PUM	No controlled substance detected/identified	JE2YEH	No controlled substance detected/identified
HAWHRN	No controlled substance detected/identified	JEW4FY	No controlled substance detected/identified
HC6AV4	No controlled substance detected/identified	JFK4AF	No controlled substance detected/identified
HCJ9Z9	No controlled substance detected/identified	JGCZYA	No controlled substance detected/identified
HGHU3P	No controlled substance detected/identified	JLBGB4	No controlled substance detected/identified
HHAK2W	No controlled substance detected/identified	JM2CKD	No controlled substance detected/identified
HLPK6V	No controlled substance detected/identified	JNB92B	No controlled substance detected/identified
HNW34R	No controlled substance detected/identified	JKDEY	No controlled substance detected/identified
HQ7F2F	No controlled substance detected/identified	JQ2A8Y	No controlled substance detected/identified
HQNYTL	No controlled substance detected/identified	JQJADA	No controlled substance detected/identified
HTPZV4	No controlled substance detected/identified	JVB9D4	No controlled substance detected/identified
HUMDDP	No controlled substance detected/identified	JVTUWZ	No controlled substance detected/identified
HVYG2A	No controlled substance detected/identified	JW9UFP	No controlled substance detected/identified
HX3K2P	No controlled substance detected/identified	JX2BLC	No controlled substance detected/identified
HZ97RA	No controlled substance detected/identified	JXY8ME	No controlled substance detected/identified
HZN4M2	No controlled substance detected/identified	JZLRNC	No controlled substance detected/identified
J37THY	No controlled substance detected/identified	K367PR	No controlled substance detected/identified
J3BVKQ	No controlled substance detected/identified	K3PVQY	No controlled substance detected/identified
J764EY	No controlled substance detected/identified	K4WBX6	No controlled substance detected/identified
J84ZC9	No controlled substance detected/identified	K6V8WZ	No controlled substance detected/identified
JA9T4L	No controlled substance detected/identified	K77EU2	No controlled substance detected/identified
JC73CW	No controlled substance detected/identified	K7AT73	No controlled substance detected/identified

TABLE 1a - Item 1 Results
Item Contents: No Controlled Substance

WebCode	Controlled Substance Detected	WebCode	Controlled Substance Detected
K9E9RM	No controlled substance detected/identified	L8DXBA	No controlled substance detected/identified
KAP2U3	No controlled substance detected/identified	LBK4X	No controlled substance detected/identified
KCA3PN	No controlled substance detected/identified	LCRLV8	No controlled substance detected/identified
KFT88J	No controlled substance detected/identified	LECKZP	No controlled substance detected/identified
KHK4WD	No controlled substance detected/identified	LEKCGD	No controlled substance detected/identified
KK66QZ	No controlled substance detected/identified	LFURNC	No controlled substance detected/identified
KK8R9D	No controlled substance detected/identified	LG4JEM	No controlled substance detected/identified
KQCC89	No controlled substance detected/identified	LJ8EXQ	No controlled substance detected/identified
KQF7YP	No controlled substance detected/identified	LK9YAX	No controlled substance detected/identified
KT49W3	No controlled substance detected/identified	LKZ646	No controlled substance detected/identified
KUR4H6	No controlled substance detected/identified	LLZXP	No controlled substance detected/identified
KXDY8J	No controlled substance detected/identified	LNMMLP	No controlled substance detected/identified
KXT8CD	No controlled substance detected/identified	LPP8XX	No controlled substance detected/identified
KY6UVD	No controlled substance detected/identified	LQE4YP	No controlled substance detected/identified
L28ALF	No controlled substance detected/identified	LUEBH2	No controlled substance detected/identified
L33V9E	No controlled substance detected/identified	LXBW8J	No controlled substance detected/identified
L3TP9X	No controlled substance detected/identified	LY6P33	No controlled substance detected/identified
L4GAU3	No controlled substance detected/identified	M3GTVB	No controlled substance detected/identified
L6MW42	No controlled substance detected/identified	M4X9KQ	No controlled substance detected/identified
L6TY7T	No controlled substance detected/identified	M7Z7VJ	No controlled substance detected/identified
L78Q83	No controlled substance detected/identified	M97NTF	No controlled substance detected/identified
L8DG9Q	No controlled substance detected/identified	M9PBRX	No controlled substance detected/identified

TABLE 1a - Item 1 Results
Item Contents: No Controlled Substance

WebCode	Controlled Substance Detected	WebCode	Controlled Substance Detected
M9R3JD	No controlled substance detected/identified	NCML9C	No controlled substance detected/identified
MAY2J8	No controlled substance detected/identified	NCZHBV	No controlled substance detected/identified
MCQX92	No controlled substance detected/identified	NE8M3Y	No controlled substance detected/identified
MDMWGE	No controlled substance detected/identified	NEQLZW	No controlled substance detected/identified
MEDQ6P	No controlled substance detected/identified	NF67T7	No controlled substance detected/identified
MHC22P	No controlled substance detected/identified	NFK6CV	No controlled substance detected/identified
MJP3UW	No controlled substance detected/identified	NKGUT3	No controlled substance detected/identified
MKHYJQ	No controlled substance detected/identified	NLULLK	No controlled substance detected/identified
MMRAPP	No controlled substance detected/identified	NMZVNP	No controlled substance detected/identified
MQW4JD	No controlled substance detected/identified	NN8WXV	No controlled substance detected/identified
MTB84G	No controlled substance detected/identified	NNEFGY	No controlled substance detected/identified
MVKCH6	No controlled substance detected/identified	NPVYFH	No controlled substance detected/identified
MZABWF	No controlled substance detected/identified	NQ4CVX	No controlled substance detected/identified
MZWRZP	No controlled substance detected/identified	NTPNNV	No controlled substance detected/identified
MZXXNQ	No controlled substance detected/identified	NUK9BV	No controlled substance detected/identified
N2KQP8	No controlled substance detected/identified	NVBCYV	No controlled substance detected/identified
N33DQB	No controlled substance detected/identified	NX6VBV	No controlled substance detected/identified
N4CME2	No controlled substance detected/identified	NZNW7G	No controlled substance detected/identified
N6H6CW	No controlled substance detected/identified	P4N7P4	No controlled substance detected/identified
NAU2WD	No controlled substance detected/identified	P4TYTQ	No controlled substance detected/identified
NAVPJH	No controlled substance detected/identified	P8NUDK	No controlled substance detected/identified
NCFNPZ	No controlled substance detected/identified	PADQTJ	No controlled substance detected/identified

TABLE 1a - Item 1 Results
Item Contents: No Controlled Substance

WebCode	Controlled Substance Detected	WebCode	Controlled Substance Detected
PC2PYA	No controlled substance detected/identified	QGMW8F	No controlled substance detected/identified
PCWAM9	No controlled substance detected/identified	QH22FJ	No controlled substance detected/identified
PCYRWZ	No controlled substance detected/identified	QJFV9L	No controlled substance detected/identified
PDBLG8	No controlled substance detected/identified	QJGZY9	No controlled substance detected/identified
PFGXM9	No controlled substance detected/identified	QL3G29	No controlled substance detected/identified
PFY6H6	No controlled substance detected/identified	QMDPFF	No controlled substance detected/identified
PG987P	No controlled substance detected/identified	QMVX7V	No controlled substance detected/identified
PJ3RHN	No controlled substance detected/identified	QNMF8Q	No controlled substance detected/identified
PK9WN3	No controlled substance detected/identified	QNUDQ3	No controlled substance detected/identified
PPT26T	No controlled substance detected/identified	QQDELP	No controlled substance detected/identified
PQV4BW	No controlled substance detected/identified	QVQZ98	No controlled substance detected/identified
PW76HL	No controlled substance detected/identified	QX9GMZ	No controlled substance detected/identified
PXWHTR	No controlled substance detected/identified	QXW4GW	No controlled substance detected/identified
PY9BTK	No controlled substance detected/identified	R33CYD	No controlled substance detected/identified
PYQ7D8	No controlled substance detected/identified	R8ERHW	No controlled substance detected/identified
Q6FWNA	No controlled substance detected/identified	R8Z9XY	No controlled substance detected/identified
QCABZU	No controlled substance detected/identified	RAJARL	No controlled substance detected/identified
QCDT6K	No controlled substance detected/identified	RAYTCJ	No controlled substance detected/identified
QDBWXV	No controlled substance detected/identified	RBHVJC	No controlled substance detected/identified
QDMPN4	No controlled substance detected/identified	RCQN2D	No controlled substance detected/identified
QE3VCU	No controlled substance detected/identified	RDNF9X	No controlled substance detected/identified
QFVXTH	No controlled substance detected/identified	RFA32L	No controlled substance detected/identified

TABLE 1a - Item 1 Results
Item Contents: No Controlled Substance

WebCode	Controlled Substance Detected	WebCode	Controlled Substance Detected
RGJTTV	No controlled substance detected/identified	TETZJX	No controlled substance detected/identified
RHEQHW	No controlled substance detected/identified	TFL3YL	No controlled substance detected/identified
RLVMXT	No controlled substance detected/identified	TGJYXW	No controlled substance detected/identified
RPH9NV	No controlled substance detected/identified	THC2DK	No controlled substance detected/identified
RPHWVD	No controlled substance detected/identified	THRD43	No controlled substance detected/identified
RPWVZH	No controlled substance detected/identified	TJ4ZRJ	No controlled substance detected/identified
RRJCH	No controlled substance detected/identified	TJ7KPJ	No controlled substance detected/identified
RT7K3T	No controlled substance detected/identified	TK33LU	No controlled substance detected/identified
RTX6JD	No controlled substance detected/identified	TKJATW	No controlled substance detected/identified
RUHCVA	No controlled substance detected/identified	TM4BNH	No controlled substance detected/identified
RUQRP9	No controlled substance detected/identified	TNW2UX	No controlled substance detected/identified
RVADWR	No controlled substance detected/identified	TPWH8Z	No controlled substance detected/identified
RVPVHJ	No controlled substance detected/identified	TQN94L	No controlled substance detected/identified
RWFUWH	No controlled substance detected/identified	TQNEWU	No controlled substance detected/identified
RX9WD7	No controlled substance detected/identified	TRHWHB	No controlled substance detected/identified
RY6VMJ	No controlled substance detected/identified	TRNGLY	No controlled substance detected/identified
RZYJ8Z	No controlled substance detected/identified	TRW9CA	No controlled substance detected/identified
T3YJUX	No controlled substance detected/identified	TV4GRL	No controlled substance detected/identified
T4D67K	No controlled substance detected/identified	TWUU3R	No controlled substance detected/identified
T7JKNJ	No controlled substance detected/identified	U2ZMWM	No controlled substance detected/identified
TBULV9	No controlled substance detected/identified	U7ED8A	No controlled substance detected/identified
TDKN4H	No controlled substance detected/identified	U922JA	No controlled substance detected/identified

TABLE 1a - Item 1 Results
Item Contents: No Controlled Substance

WebCode	Controlled Substance Detected	WebCode	Controlled Substance Detected
UAAB8Z	No controlled substance detected/identified	VKRBH3	No controlled substance detected/identified
UAW4KC	No controlled substance detected/identified	VLF9GM	No controlled substance detected/identified
UBATNP	No controlled substance detected/identified	VMLUU2	No controlled substance detected/identified
UDHEJP	No controlled substance detected/identified	VPAUZP	No controlled substance detected/identified
UGCEKD	No controlled substance detected/identified	VPJZXQ	No controlled substance detected/identified
UGXUR4	No controlled substance detected/identified	VQYR2N	No controlled substance detected/identified
UM3NUC	No controlled substance detected/identified	VQYUQT	No controlled substance detected/identified
UM6BCP	No controlled substance detected/identified	VRA36Z	No controlled substance detected/identified
UMZLVC	No controlled substance detected/identified	VTJTVB	No controlled substance detected/identified
UNDQHV	No controlled substance detected/identified	VTLERQ	No controlled substance detected/identified
UPPC7C	No controlled substance detected/identified	VTQQFM	No controlled substance detected/identified
UQWRDH	No controlled substance detected/identified	VUFR6N	No controlled substance detected/identified
UQZAJT	No controlled substance detected/identified	VVARA9	No controlled substance detected/identified
UTP2NP	No controlled substance detected/identified	W2RK2Y	No controlled substance detected/identified
UX4CL9	No controlled substance detected/identified	W2XDRZ	No controlled substance detected/identified
V44HRF	No controlled substance detected/identified	W3APGC	No controlled substance detected/identified
V7UKZP	No controlled substance detected/identified	W3PXJK	No controlled substance detected/identified
VEPM22	No controlled substance detected/identified	W6YTEP	No controlled substance detected/identified
VFY2FG	No controlled substance detected/identified	W7KLZR	No controlled substance detected/identified
VHM2PQ	No controlled substance detected/identified	W7QP3J	No controlled substance detected/identified
VJY92E	No controlled substance detected/identified	W8LCFM	No controlled substance detected/identified
VKA6HC	No controlled substance detected/identified	W8ZZAM	No controlled substance detected/identified

TABLE 1a - Item 1 Results
Item Contents: No Controlled Substance

WebCode	Controlled Substance Detected	WebCode	Controlled Substance Detected
WA9ED2	No controlled substance detected/identified	XC726P	No controlled substance detected/identified
WCD86E	No controlled substance detected/identified	XEV3CY	No controlled substance detected/identified
WEMK34	No controlled substance detected/identified	XHBXQB	No controlled substance detected/identified
WGPMNX	No controlled substance detected/identified	XK66AT	No controlled substance detected/identified
WH37KP	No controlled substance detected/identified	XK6G3A	No controlled substance detected/identified
WH78LV	No controlled substance detected/identified	XLGCLG	No controlled substance detected/identified
WJ9NJK	No controlled substance detected/identified	XM9E36	No controlled substance detected/identified
WJHB9E	No controlled substance detected/identified	XMBYZ7	No controlled substance detected/identified
WK7FQ6	No controlled substance detected/identified	XN3XE4	No controlled substance detected/identified
WN9QUF	No controlled substance detected/identified	XPHPGE	No controlled substance detected/identified
WNP2CK	No controlled substance detected/identified	XR2AB4	No controlled substance detected/identified
WR8RNN	No controlled substance detected/identified	XRMWKL	No controlled substance detected/identified
WRRZMD	No controlled substance detected/identified	XUTVWK	No controlled substance detected/identified
WUC2GZ	No controlled substance detected/identified	XVLB6Q	No controlled substance detected/identified
WZ6WPY	No controlled substance detected/identified	XVRBHD	No controlled substance detected/identified
X2C4EQ	No controlled substance detected/identified	XWYXPQ	No controlled substance detected/identified
X2KEM3	No controlled substance detected/identified	XXBPJT	No controlled substance detected/identified
X3KTLN	No controlled substance detected/identified	XXCCDY	No controlled substance detected/identified
X3TR3J	No controlled substance detected/identified	XZF66D	No controlled substance detected/identified
X44XHL	No controlled substance detected/identified	Y32RCC	No controlled substance detected/identified
X4WHXD	No controlled substance detected/identified	Y4EVWA	No controlled substance detected/identified
XALZA4	No controlled substance detected/identified	Y6M9EC	No controlled substance detected/identified

TABLE 1a - Item 1 Results
 Item Contents: No Controlled Substance

WebCode	Controlled Substance Detected	WebCode	Controlled Substance Detected
Y9QTGQ	No controlled substance detected/identified	ZNYH93	No controlled substance detected/identified
YA7Z4L	No controlled substance detected/identified	ZPR4L9	No controlled substance detected/identified
YAJRHV	No controlled substance detected/identified	ZQKYB3	No controlled substance detected/identified
YAYWDM	No controlled substance detected/identified	ZRB8A6	No controlled substance detected/identified
YC7FUV	No controlled substance detected/identified	ZRWYKW	No controlled substance detected/identified
YDYZ7V	No controlled substance detected/identified	ZT4Z6N	No controlled substance detected/identified
YGJ22G	No controlled substance detected/identified	ZTA48F	No controlled substance detected/identified
YKHFN7	No controlled substance detected/identified	ZU4RL6	No controlled substance detected/identified
YQ9PY6	No controlled substance detected/identified	ZU6QKJ	No controlled substance detected/identified
YQLAQE	No controlled substance detected/identified	ZVT633	No controlled substance detected/identified
YTH7J3	No controlled substance detected/identified	ZVWBGW	No controlled substance detected/identified
YTVGVT	No controlled substance detected/identified	ZY36KF	No controlled substance detected/identified
YUPVAQ	No controlled substance detected/identified	ZYGRJW	No controlled substance detected/identified
YWBH3D	No controlled substance detected/identified	ZZ9QWU	No controlled substance detected/identified
YXMNE2	No controlled substance detected/identified		
YZVQEE	TRAMADOL		
Z22TDH	No controlled substance detected/identified		
Z3TN3C	No controlled substance detected/identified		
ZABBX2	No controlled substance detected/identified		
ZECJGW	No controlled substance detected/identified		
ZF4F7Q	No controlled substance detected/identified		
ZJJBK3	No controlled substance detected/identified		

Response Summary - Item 1

Participants: 650

Controlled substance detected/identified: 2

No controlled substance(s) detected/identified: 648

Examination Methods (Item 1)

TABLE 1b

WebCode	GC	GC/MS	Color	FTIR	UV	Raman	Crystal	TLC	LC/MS	Other
22GPKU		✓	✓							
22XJ6H		✓	✓							
26XPQF		✓	✓							
29GAK4		✓	✓	✓						
29GCA9	✓	✓								
29XXVQ		✓		✓						
2AN7UU		✓	✓							
2BGYPC		✓	✓							
2CHQ7T		✓	✓							
2CWCVF		✓		✓	✓					
2DETNM		✓	✓							
2E2Q2F		✓		✓						
2EN96N		✓	✓							
2HREV9	✓	✓								
2LCUBF		✓		✓						XRD
2MKNV2		✓	✓							
2TJJPL		✓								
2UED9C			✓	✓						Weight Measurement, GC-FID-MS
2UMWWG		✓		✓						
2VUZZJ	✓	✓	✓					✓		
2W78C8		✓								
2XF7KV		✓	✓							
2YQ28M		✓	✓	✓		✓				
2ZQQ7V		✓	✓				✓			
32EM79	✓	✓								
32WRQM		✓			✓					Weight
33C6G7		✓	✓		✓					
344R3M		✓	✓							
36CHUX		✓		✓						
38727W		✓	✓							
38JQAA		✓	✓	✓						
39G4RV	✓	✓								
3A4R4V		✓				✓				
3AP3ZJ		✓	✓	✓						ASAP-MS
3APUYX		✓	✓							

TABLE 1b - Item 1 Examination Methods

WebCode	GC	GC/MS	Color	FTIR	UV	Raman	Crystal	TLC	LC/MS	Other
3HXU78		✓	✓							
3KREH7		✓	✓	✓	✓					
3ME3U7	✓	✓	✓							
3MEBQW		✓	✓							
3NAVDW		✓	✓							
3QTW8H		✓								net weight
3R8CPQ		✓	✓	✓						
3RLTWC		✓	✓							
3T6XRB	✓	✓								
3TY9EK		✓		✓						
3UE37Y		✓				✓				
3URBV9		✓	✓	✓						
3WJA97		✓	✓							
3WLV88		✓	✓	✓	✓					
3XCUL7		✓	✓	✓	✓					
428VQX	✓	✓	✓					✓		
44YT6W		✓	✓							
477L76		✓	✓	✓						
47MJFV		✓								
4CR2QM		✓	✓							
4DAT2T	✓	✓	✓							
4G2RZ3		✓	✓							
4HDGGU		✓	✓				✓			
4JUNPW		✓	✓							
4LDPJJ		✓							✓	
4LFC2W		✓		✓		✓				
4QH6FF	✓									TruNarc
4XQVMY		✓	✓							
62K67B		✓		✓						
62QXYX		✓	✓	✓	✓					
6343LH		✓	✓							
64C2U6		✓	✓							
6677MX	✓	✓	✓					✓		
68P2RW		✓		✓						
69FM8V		✓	✓	✓						
69QPE3		✓	✓	✓	✓					
6AJL4W		✓	✓							

TABLE 1b - Item 1 Examination Methods

WebCode	GC	GC/MS	Color	FTIR	UV	Raman	Crystal	TLC	LC/MS	Other
6BDYE9	✓	✓								
6BFLWL		✓		✓						
6C3MXH		✓								
6DBG4C		✓		✓						XRD
6GBRYB		✓		✓						XRD
6KJCMH		✓	✓							
6LEWAH		✓	✓							
6MNA6J		✓	✓							
6PRRV8		✓		✓						
6Q4WHN		✓	✓							DART-TOF MS
6VMUBK		✓	✓	✓						
6XZDU9		✓	✓	✓						
6Y6LMV		✓	✓	✓						solubility
6YY2A6		✓		✓						
6YZ6BP	✓	✓	✓	✓						
6ZB7WN	✓	✓	✓	✓						
6ZFWDY		✓		✓						
6ZUX79		✓	✓							
726CT9		✓	✓	✓						
73YBEE		✓								
749HJT		✓	✓							
74PDMU		✓		✓						
77X733		✓	✓							
77ZE9M		✓	✓							
793GTG	✓	✓		✓						
79MPR8	✓	✓	✓							DART-TOF
7BRLQV		✓	✓							
7CLZM8			✓							Weight Measurement, DART-TOF
7DDUQ3	✓	✓								
7DYDPH		✓	✓	✓		✓				
7F6LMM		✓								
7GE4VD		✓	✓	✓						
7GJT94		✓	✓	✓						
7GYNLH		✓	✓			✓				
7H8WQW		✓		✓						
7JX4QZ		✓								TruNarc Device

TABLE 1b - Item 1 Examination Methods

WebCode	GC	GC/MS	Color	FTIR	UV	Raman	Crystal	TLC	LC/MS	Other
7KF97D		✓	✓							
7KYMMF		✓	✓	✓						
7LPZET		✓								
7MNPUP	✓	✓								
7NVQFG	✓	✓								ATR
7VXLQ3	✓	✓								
7XHMKN		✓		✓						BTNX
7XJFKH		✓	✓			✓				
7ZAHAH		✓		✓						
82FMXQ		✓	✓							
82XGYZ		✓	✓			✓				
82XZX3		✓	✓	✓						
842AQE		✓								Weight Determination
8498AQ		✓		✓						
86M4VF		✓	✓							
87T6F8		✓	✓							
8928TR		✓	✓	✓	✓					
8BNK2E		✓	✓	✓						
8DDMAN	✓	✓								
8E3WKW		✓	✓	✓						
8E4K82		✓	✓	✓						
8EKJE		✓	✓							
8FECEW		✓	✓	✓						
8GVGWV		✓		✓						NMR
8JFHRH		✓								Weight Determination
8JWUAM		✓		✓						Immunoassay BYNX Rapid Response Fentanyl Test Strip
8L7P4R		✓	✓							
8P3DHD		✓	✓							
8RMCNV		✓	✓							
8RUA88		✓	✓	✓						
8UX8FE		✓	✓	✓						
8YDF4E		✓	✓							
8ZLM9T		✓	✓	✓						
9ANCJ3		✓	✓	✓	✓					
9ANJDG		✓		✓	✓					
9B3YVP	✓	✓	✓							

TABLE 1b - Item 1 Examination Methods

WebCode	GC	GC/MS	Color	FTIR	UV	Raman	Crystal	TLC	LC/MS	Other
9BGQXY		✓		✓						
9CAZV3		✓								
9DLZQB		✓		✓						
9E8VUD	✓	✓	✓					✓		
9GBQDF		✓	✓							
9KBYHQ		✓	✓							
9P29RN		✓	✓				✓			
9R4N4F		✓	✓							
9XWBUZ		✓								GC / MS
9YQYEG		✓	✓							
A2C68C		✓	✓							
A6CA2J	✓	✓	✓							
A748FH		✓	✓							
A99EJP		✓		✓		✓				SFC/MS
AAL34P		✓		✓						
ACUHPG		✓	✓	✓						
AEFYTG		✓	✓							
AEGJ9A	✓	✓	✓					✓		
AG3HUE		✓	✓			✓				
AJTQTG		✓		✓	✓					
ALLZ4P		✓	✓	✓						
AN7G7P		✓	✓							
AR7T3P		✓	✓							
ATFXFD		✓	✓							
AVHPL6		✓	✓							
B4CA4Q		✓		✓						
B67UFQ		✓	✓							
B69GW4		✓								
B8JG8		✓								TruNarc
B8RHQQ		✓	✓							
B9NBBF		✓	✓							
BB8C63		✓	✓	✓						
BC7BNB		✓	✓			✓				
BDXEDB		✓	✓							
BDYUH2	✓	✓								
BFNYFF		✓	✓	✓						
BJTWZ4		✓	✓			✓				

TABLE 1b - Item 1 Examination Methods

WebCode	GC	GC/MS	Color	FTIR	UV	Raman	Crystal	TLC	LC/MS	Other
BKWZ3P		✓				✓				
BKXNPV		✓	✓	✓						
BLBFKX		✓	✓							
BLDXUP		✓		✓						
BMNHFP		✓	✓							
BMQKEP		✓	✓							
BPAL9B		✓		✓						
BQMD4D		✓		✓	✓					
BQQTJZ		✓	✓	✓	✓					
BR24MB		✓	✓							✓
BTBH3C		✓	✓							
BU8NCW		✓	✓							
BURTXN		✓	✓							
BWYK2Q		✓	✓							✓
C484MG		✓	✓	✓						
C9L9BF		✓	✓							
CBQH4R		✓		✓						
CC8XT9		✓	✓							✓
CDF39H		✓								DART-TOF MS
CDJ3GR		✓	✓	✓						
CGYTLM		✓	✓	✓						
CHAZX9	✓	✓	✓							✓
CJ66DW		✓		✓						
CJLCMK	✓	✓								
CKWDAJ		✓	✓	✓						
CL6DH7		✓		✓						
CLWLQV		✓	✓							
CMFE46		✓		✓		✓				
CMH3KJ		✓		✓						
CNW97Z		✓	✓	✓						
CPCLWH		✓	✓							
CQCLAP		✓	✓	✓						
CQLQB7		✓	✓			✓				
CRVMR6		✓		✓						
CT7PFN		✓	✓							
CTDMYZ		✓		✓						
CYDAPF	✓	✓	✓							

TABLE 1b - Item 1 Examination Methods

WebCode	GC	GC/MS	Color	FTIR	UV	Raman	Crystal	TLC	LC/MS	Other
CYZCJB		✓	✓							
CZ6C63		✓		✓		✓				
D46MYH		✓								
D7WRK3		✓	✓			✓				
D9ZVKH	✓	✓								
DAK8A3		✓		✓						Electronic Balance
DCFPYU		✓		✓						
DCHCF9		✓	✓							pH strips
DFE4LJ		✓	✓							
DJZPE8		✓	✓							
DMGHJ2		✓	✓	✓						
DMY2B8		✓	✓	✓						
DNT8Y8		✓				✓				
DP8C8B		✓	✓							
DUKWDW		✓		✓						
DUYQ8X		✓	✓							ATR
E2X97M		✓		✓						
E38AU8		✓	✓							
E4HV33		✓		✓		✓				
E4XVMR		✓	✓	✓						
E834R9	✓	✓	✓					✓		
EDA8MV		✓	✓	✓						
EEM69L		✓	✓							
EFYCKA		✓	✓							
EG3DXR	✓	✓								NMR
EG6YT8		✓	✓							
EH7Q6L		✓	✓			✓				
EMTAWV		✓	✓	✓						
EPHWF7		✓		✓						
ER9GJV		✓		✓						
EUVQK3		✓	✓							
EVLYJ7		✓	✓							
EXXL47		✓	✓	✓						
EZHMYR		✓	✓	✓	✓					
F383DU		✓								
F3J7H7		✓	✓							
F6R38G		✓		✓						

TABLE 1b - Item 1 Examination Methods

WebCode	GC	GC/MS	Color	FTIR	UV	Raman	Crystal	TLC	LC/MS	Other
F8D38W		✓								
FAYQJW		✓	✓							
FCCATU	✓	✓		✓						
FCTBVW		✓	✓	✓						
FF7BRN		✓	✓	✓	✓					
FHX8GG		✓		✓						
FJRV2X		✓	✓	✓						
FKH9B4		✓		✓						
FLFYJP		✓	✓	✓						
FN8V8H		✓	✓	✓						
FPXFY4		✓		✓						
FTEZJX		✓	✓	✓	✓					
FTVAJQ		✓	✓	✓	✓					
FTZM7L		✓	✓		✓					
FU9KWW		✓	✓	✓						
FV62R7		✓	✓							
FVM78K		✓	✓							
FWXGBV		✓	✓							
FX7837		✓		✓						
FXCB6X		✓	✓	✓	✓					
FYMVRK		✓	✓							
FZHZ6L	✓	✓								
G42BU3		✓	✓	✓						
G4TX4D		✓		✓						
G6R9CG		✓	✓	✓						
G7KUR7		✓	✓							
G8UKJG		✓								
G8V97M		✓	✓	✓	✓					
G9M6VG		✓								
GAF8C6		✓								Weight determination
GBTPL3		✓								
GECQFN	✓	✓	✓							
GF6M6H		✓								
GG3EC4	✓	✓	✓						✓	
GGNF6K		✓	✓	✓						
GHBQRJ		✓	✓							
GHV88L		✓	✓							

TABLE 1b - Item 1 Examination Methods

WebCode	GC	GC/MS	Color	FTIR	UV	Raman	Crystal	TLC	LC/MS	Other
GKDBDD		✓		✓	✓					
GMQYFJ		✓	✓							
GQTYFF		✓	✓					✓		
GRJUPP		✓	✓	✓	✓					
GRKV6A		✓	✓	✓						
GVF9N8	✓	✓								ATR
GVH4YQ		✓	✓	✓		✓				
GWR96		✓		✓						
GXNFTL		✓	✓							
GZU2J8		✓		✓	✓					
GZVGQJ		✓	✓					✓		
GZWLG9		✓	✓	✓						
H3HNZ2		✓								
H3X2DC		✓		✓	✓					
H62PUM			✓	✓						
HAWHRN		✓								NMR
HC6AV4		✓	✓							
HCJ9Z9		✓	✓							
HGHU3P		✓	✓							
HHAK2W		✓	✓							
HLPK6V	✓	✓								
HNW34R		✓	✓							
HQ7F2F		✓	✓	✓						
HQNYTL		✓	✓	✓	✓					
HTPZV4		✓	✓							
HUMDDP	✓	✓								
HVYG2A		✓	✓							
HX3K2P		✓	✓							
HZ97RA		✓	✓	✓						
HZN4M2		✓		✓						
J37THY		✓		✓						
J3BVKQ		✓		✓						
J764EY		✓		✓						
J84ZC9		✓	✓	✓						
JA9T4L		✓	✓	✓	✓					
JC73CW		✓		✓		✓				
JE2YEH		✓		✓						

TABLE 1b - Item 1 Examination Methods

WebCode	GC	GC/MS	Color	FTIR	UV	Raman	Crystal	TLC	LC/MS	Other
JEW4FY		✓	✓	✓		✓				
JFK4AF		✓	✓							
JGCZYA		✓		✓						
JLBGB4	✓	✓	✓					✓		
JM2CKD	✓	✓								
JNB92B		✓		✓	✓					
JPKDEY		✓		✓						
JQ2A8Y		✓		✓		✓				
JQJADA		✓	✓							
JVB9D4		✓	✓							
JVTUWZ		✓	✓							
JW9UFP		✓	✓	✓	✓					
JX2BLC	✓	✓	✓							
JXY8ME		✓	✓	✓	✓					
JZLRNC	✓	✓	✓							
K367PR		✓		✓						
K3PVQY		✓		✓						
K4WBX6		✓		✓	✓					
K6V8WZ		✓	✓	✓						
K77EU2		✓	✓							
K7AT73		✓	✓							
K9E9RM		✓	✓	✓	✓					
KAP2U3		✓	✓							
KCA3PN		✓						✓		NIR
KFT88J		✓	✓	✓						
KHK4WD	✓	✓	✓							
KK66QZ		✓		✓						
KK8R9D		✓	✓							
KQCC89	✓	✓	✓							
KQF7YP		✓	✓	✓	✓					
KT49W3		✓	✓							
KUR4H6		✓	✓	✓						
KXDY8J		✓	✓	✓	✓					
KXT8CD		✓		✓		✓				
KY6UVD		✓	✓							
L28ALF		✓		✓						GC-FID
L33V9E	✓	✓		✓						

TABLE 1b - Item 1 Examination Methods

WebCode	GC	GC/MS	Color	FTIR	UV	Raman	Crystal	TLC	LC/MS	Other
L3TP9X		✓		✓						
L4GAU3		✓		✓	✓					
L6MW42	✓	✓								ATR
L6TY7T		✓	✓							
L78Q83		✓	✓							
L8DG9Q	✓	✓								
L8DXBA		✓								
LBYK4X		✓		✓						
LCRLV8		✓	✓	✓						
LECKZP		✓	✓	✓						
LEKCGD		✓	✓	✓		✓				
LFURNC		✓	✓							Handheld Raman (TruNarc)
LG4JEM		✓	✓							
LJ8EXQ		✓								
LK9YAX		✓	✓	✓						
LKZ646		✓		✓	✓					
LLZXPB		✓	✓							
LNMMMLP		✓	✓	✓						
LPP8XX		✓				✓				TruNarc (Uses Raman)
LQE4YP		✓	✓							
LUEBH2	✓	✓	✓					✓		
LXBW8J		✓								
LY6P33		✓	✓							
M3GTVB		✓	✓							
M4X9KQ	✓	✓								
M7Z7VJ		✓	✓							
M97NTF	✓	✓	✓							
M9PBRX	✓	✓	✓					✓		
M9R3JD		✓	✓							
MAY2J8		✓		✓						
MCQX92		✓	✓							
MDMWGE	✓	✓	✓					✓		
MEDQ6P		✓	✓	✓						
MHC22P		✓	✓	✓						
MJP3UW		✓	✓							
MKHYJQ	✓	✓								

TABLE 1b - Item 1 Examination Methods

WebCode	GC	GC/MS	Color	FTIR	UV	Raman	Crystal	TLC	LC/MS	Other
MMRAPP		✓	✓	✓						
MQW4JD		✓	✓							
MTB84G		✓	✓	✓						
MVKCH6		✓		✓						
MZABWF		✓	✓							
MZWRZP		✓	✓							
MZXXNQ	✓	✓								
N2KQP8	✓	✓	✓							GC/IRD
N33DQB		✓	✓							
N4CME2		✓	✓							
N6H6CW		✓	✓							
NAU2WD		✓		✓						
NAVPJH		✓	✓	✓	✓					
NCFNPZ	✓	✓								ATR
NCML9C		✓	✓							
NCZHBV		✓	✓							
NE8M3Y		✓		✓						
NEQLZW		✓	✓							
NF67T7		✓	✓	✓						
NFK6CV		✓	✓	✓						
NKGUT3		✓								
NLULLK		✓	✓							
NMZVNP		✓	✓	✓	✓					
NN8WXV		✓								
NNEFGY		✓	✓							
NPVYFH		✓	✓	✓						
NQ4CVX		✓	✓							
NTPNNV	✓	✓								
NUK9BV		✓	✓							
NVBCYV		✓		✓						
NX6VBV		✓								
NZNW7G		✓	✓	✓						
P4N7P4		✓	✓							
P4TYTQ		✓		✓						
P8NUDK		✓	✓	✓	✓					
PADQTJ		✓								
PC2PYA		✓	✓		✓					

TABLE 1b - Item 1 Examination Methods

WebCode	GC	GC/MS	Color	FTIR	UV	Raman	Crystal	TLC	LC/MS	Other
PCWAM9		✓	✓							
PCYRWZ		✓	✓	✓		✓				
PDBLG8		✓		✓						
PFGXM9		✓	✓	✓	✓					
PFY6H6		✓		✓	✓					
PG987P		✓	✓	✓						
PJ3RHN	✓	✓		✓						
PK9WN3		✓	✓							
PPT26T		✓	✓							
PQV4BW		✓	✓	✓						
PW76HL		✓	✓	✓						
PXWHTR		✓		✓						Stereomicroscope, DART
PY9BTK		✓	✓							
PYQ7D8		✓		✓						
Q6FWNA		✓	✓							
QCABZU		✓	✓	✓						
QCDT6K		✓	✓	✓						
QDBWXV		✓	✓							
QDMPN4		✓		✓	✓					
QE3VCU	✓	✓	✓	✓						
QFVXTH		✓	✓							
QGMW8F		✓	✓							
QH22FJ		✓	✓	✓						
QJFV9L		✓	✓							
QJGZY9		✓	✓							
QL3G29	✓	✓		✓						NMR
QMDPFF		✓								Weight, Visual Examination
QMVX7V		✓	✓	✓						
QNMF8Q	✓	✓		✓		✓				
QNUDQ3		✓								
QQDELP		✓	✓	✓						
QVQZ98		✓	✓	✓						
QX9GMZ		✓		✓	✓					
QXW4GW		✓	✓							
R33CYD		✓	✓	✓						
R8ERHW		✓		✓						

TABLE 1b - Item 1 Examination Methods

WebCode	GC	GC/MS	Color	FTIR	UV	Raman	Crystal	TLC	LC/MS	Other
R8Z9XY		✓								
RAJARL		✓	✓							
RAYTCJ		✓	✓	✓						
RBHVJC		✓		✓						
RCQN2D		✓	✓							
RDNF9X		✓	✓	✓	✓					
RFA32L	✓	✓								
RGJTTV		✓	✓	✓						
RHEQHW		✓	✓							
RLVMXT		✓								
RPH9NV		✓	✓							
RPHWVD		✓	✓	✓						
RPVWZH		✓	✓							
RRJJCH		✓								Separate sampling performed on 2 different GC/MS's.
RT7K3T		✓	✓	✓						
RTX6JD		✓	✓	✓						
RUHCVA		✓	✓	✓						
RUQRP9		✓	✓	✓						
RVADWR		✓	✓	✓						
RVPVHJ		✓		✓						
RWFUWH		✓		✓						
RX9WD7		✓				✓				
RY6VMJ		✓	✓							
RZYJ8Z		✓	✓							
T3YJUX		✓	✓							
T4D67K		✓	✓							
T7JKNJ		✓								
TBULV9	✓	✓								
TDKN4H		✓								FTIR-ATR
TETZJX		✓	✓							
TFL3YL		✓		✓		✓				
TGJYXW		✓	✓							
THC2DK		✓	✓							
THRD43	✓	✓								
TJ4ZRJ		✓								
TJ7KPJ		✓		✓						

TABLE 1b - Item 1 Examination Methods

WebCode	GC	GC/MS	Color	FTIR	UV	Raman	Crystal	TLC	LC/MS	Other
TK33LU		✓	✓							
TKJATW		✓	✓							
TM4BNH		✓								
TNW2UX		✓		✓	✓					
TPWH8Z	✓	✓	✓							
TQN94L		✓	✓							
TQNEWU	✓	✓	✓					✓		
TRHWHB		✓	✓	✓						
TRNGLY		✓	✓							
TRW9CA		✓	✓							
TV4GRL		✓	✓							
TWUU3R		✓		✓		✓				
U2ZMWM		✓		✓						
U7ED8A		✓	✓							
U922JA	✓	✓		✓						
UAAB8Z		✓		✓	✓					
UAW4KC		✓	✓	✓						
UBATNP	✓	✓	✓	✓				✓		
UDHEJP		✓	✓	✓					✓	
UGCEKD		✓	✓	✓	✓				✓	
UGXUR4		✓		✓		✓				
UM3NUC		✓	✓	✓	✓					
UM6BCP		✓	✓			✓				
UMZLVC		✓	✓							Weight Analysis
UNDQHV		✓	✓							
UPPC7C		✓	✓	✓		✓				
UQWRDH		✓								
UQZAJT		✓	✓							
UTP2NP	✓	✓	✓					✓		
UX4CL9	✓	✓								
V44HRF	✓	✓								
V7UKZP	✓	✓	✓					✓		
VEPM22		✓	✓	✓						
VFY2FG		✓		✓						
VHM2PQ		✓	✓							
VJY92E		✓								
VKA6HC		✓	✓							

TABLE 1b - Item 1 Examination Methods

WebCode	GC	GC/MS	Color	FTIR	UV	Raman	Crystal	TLC	LC/MS	Other
VKRBH3		✓				✓				
VLF9GM		✓	✓	✓						
VMLUU2		✓	✓							
VPAUZP	✓	✓	✓					✓		
VPJZXQ		✓	✓	✓						
VQYR2N	✓	✓		✓						
VQYUQT		✓	✓	✓	✓					
VRA36Z	✓	✓	✓							
VTJTVB		✓								NMR
VTLERQ		✓	✓							
VTQQFM		✓	✓							
VUFR6N		✓	✓							
VVARA9		✓			✓	✓		✓		uhplc-pda, hplc-pda
W2RK2Y		✓		✓						
W2XDRZ		✓	✓							
W3APGC		✓	✓	✓	✓					
W3PXJK		✓		✓		✓				
W6YTEP		✓	✓							
W7KLZR		✓	✓	✓		✓				
W7QP3J		✓	✓			✓				
W8LCFM		✓	✓							
W8ZZAM		✓		✓		✓				
WA9ED2		✓								
WCD86E		✓	✓							
WEMK34		✓	✓							
WGPMNX	✓	✓		✓						
WH37KP		✓								
WH78LV		✓	✓							
WJ9NJK		✓		✓						
WJHB9E		✓	✓	✓						
WK7FQ6	✓	✓	✓					✓		
WN9QUF		✓	✓							
WNP2CK		✓	✓							
WR8RNN	✓	✓	✓					✓		
WRRZMD		✓		✓						
WUC2GZ		✓		✓						
WZ6WPY		✓	✓	✓						

TABLE 1b - Item 1 Examination Methods

WebCode	GC	GC/MS	Color	FTIR	UV	Raman	Crystal	TLC	LC/MS	Other
X2C4EQ		✓	✓	✓						
X2KEM3		✓		✓						
X3KTLN									✓	
X3TR3J		✓		✓						
X44XHL	✓	✓	✓					✓		
X4WHXD		✓	✓	✓						
XALZA4	✓	✓		✓						
XC726P	✓	✓								ATR
XEV3CY		✓								
XHBXQB		✓	✓							
XK66AT		✓	✓							
XK6G3A		✓	✓	✓	✓					
XLGCLG		✓	✓	✓						
XM9E36		✓		✓						
XMBYZ7		✓	✓	✓	✓					
XN3XE4		✓								Trunarc - presumptive
XPHPGE	✓	✓								
XR2AB4		✓	✓	✓						
XRMWKL		✓		✓						
XUTVWK	✓	✓	✓					✓		
XVLB6Q	✓	✓								ATR
XVRBHD		✓		✓						FTIR/ATR
XWYXPQ		✓	✓							
XXBPJT		✓	✓	✓		✓				
XXCCDY		✓		✓						
XZF66D		✓								
Y32RCC		✓	✓							
Y4EVA		✓	✓		✓					
Y6M9EC		✓	✓							
Y9QTGQ		✓		✓						weight determination
YA7Z4L		✓	✓							
YAJRHV		✓		✓						
YAYWDM		✓	✓							
YC7FUV		✓		✓						
YDYZ7V		✓	✓	✓						
YGJ22G		✓		✓						
YKHFN7		✓	✓	✓	✓					

TABLE 1b - Item 1 Examination Methods

WebCode	GC	GC/MS	Color	FTIR	UV	Raman	Crystal	TLC	LC/MS	Other
YQ9PY6		✓		✓						DART/TOFMS
YQLAQE		✓	✓	✓				✓		DART-TOF
YTH7J3		✓	✓							
YTVGVT		✓	✓	✓						
YUPVAQ		✓	✓	✓						
YWBH3D	✓	✓								
YXMNE2		✓	✓							
YZVQEE		✓		✓		✓				LC/MS/QTOF
Z22TDH		✓		✓						
Z3TN3C		✓								
ZABBX2		✓	✓							
ZECJGW		✓	✓							
ZF4F7Q		✓	✓	✓						
ZJJBK3		✓	✓							
ZNYH93	✓	✓	✓					✓		
ZPR4L9		✓	✓	✓	✓					
ZQKYB3		✓		✓						
ZRB8A6		✓								
ZRWYKW		✓	✓	✓						
ZT4Z6N		✓		✓						
ZTA48F		✓	✓	✓						
ZU4RL6		✓	✓	✓						
ZU6QKJ		✓	✓			✓				
ZVT633		✓		✓						
ZVWBGW		✓	✓	✓						
ZY36KF		✓		✓						
ZYGRJW	✓	✓								GC-IRD
ZZ9QWU		✓								

Response Summary										Total Participants: 650
	GC	GC/MS	Color	FTIR	UV	Raman	Crystal	TLC	LC/MS	
Participants	88	645	412	291	57	44	7	25	5	
Percent	14%	99 %	63%	45%	9%	7%	1%	4%	0.8%	

Drug Analysis (Item 2)

TABLE 2a - Item 2 Results
Item Contents: Tramadol hydrochloride

WebCode	Controlled Substance Detected	WebCode	Controlled Substance Detected
22GPKU	Tramadol	32WRQM	Tramadol
22XJ6H	Tramadol	33C6G7	Tramadol
26XPQF	Tramadol	344R3M	Tramadol
29GAK4	Tramadol	36CHUX	Tramadol
29GCA9	tramadol	38727W	Tramadol
29XXVQ	tramadol	38JQAA	tramadol
2AN7UU	caffeine	39G4RV	Tramadol, Schedule IV
2BGYPC	Tramadol	3A4R4V	Tramadol
2CHQ7T	Item 2 contains Tramadol, a schedule IV controlled narcotic substance.	3AP3ZJ	Tramadol - Schedule IV
2CWCFV	Tramadol	3APUYX	Tramadol
2DETNM	Tramadol	3HXU78	Tramadol
2E2Q2F	Tramadol, Schedule IV Also detected caffeine (not a controlled substance).	3KREH7	Tramadol
2EN96N	Tramadol	3ME3U7	Tramadol
2HREV9	Tramadol	3MEBQW	Tramadol
2LCUBF	Tramadol	3NAVDW	Tramadol
2MKNV2	Tramadol	3QTW8H	tramadol
2TJJPL	Tramadol	3R8CPQ	Tramadol
2UED9C	Tramadol	3RLTWC	Tramadol
2UMWWG	Tramadol	3T6XRB	Tramadol
2VUZZJ	Tramadol	3TY9EK	Tramadol
2W78C8	Tramadol.	3UE37Y	Tramadol
2XF7KV	Tramadol	3URBV9	Tramadol Caffeine
2YQ28M	Tramadol	3WJA97	Tramadol
2ZQQ7V	Tramadol	3WLV88	Tramadol
32EM79	Tramadol	3XCUL7	Tramadol
		428VQX	Tramadol

TABLE 2a - Item 2 Results
Item Contents: Tramadol hydrochloride

WebCode	Controlled Substance Detected	WebCode	Controlled Substance Detected
44YT6W	Tramadol	6MNA6J	Tramadol
477L76	Tramadol	6PRRV8	Tramadol
47MJFV	Tramadol	6Q4WHN	Tramadol
4CR2QM	Tramadol	6VMUBK	Tramadol
4DAT2T	Tramadol IV	6XZDU9	Tramadol/Schedule IV
4G2RZ3	Tramadol	6Y6LMV	Tramadol
4HDGGU	Tramadol	6YY2A6	Tramadol
4JUNPW	Tramadol	6YZ6BP	Tramadol
4LDPJJ	Tramadol	6ZB7WN	Tramadol
4LFC2W	Tramadol (Schedule IV)	6ZFDYD	Tramadol
4QH6FF	tramadol	6ZUX79	Tramadol
4XQVMY	Tramadol	726CT9	Tramadol
62K67B	Tramadol (Schedule IV)	73YBEE	Tramadol
62QXYX	Tramadol	749HJT	Tramadol
6343LH	tramadol	74PDMU	Tramadol (Schedule IV)
64C2U6	Tramadol	77X733	Tramadol and caffeine
6677MX	Tramadol	77ZE9M	Tramadol
68P2RW	Tramadol (Schedule IV), caffeine	793GTG	Tramadol
69FM8V	Tramadol	79MPR8	Tramadol
69QPE3	Tramadol	7BRLQV	Tramadol
6AJL4W	Tramadol	7CLZM8	Tramadol (Schedule IV)
6BDYE9	Found to contain tramadol, a Schedule IV narcotic	7DDUQ3	Tramadol
6BFLWL	Tramadol	7DYDPH	Tramadol
6C3MXH	Tramadol	7F6LMM	Tramadol
6DBG4C	Tramadol	7GE4VD	Tramadol
6GBRYB	Tramadol (C-IV)	7GJT94	Tramadol
6KJCMH	Tramadol.	7GYNLH	Tramadol
6LEWAH	Tramadol	7H8WQW	Tramadol

TABLE 2a - Item 2 Results
Item Contents: Tramadol hydrochloride

WebCode	Controlled Substance Detected	WebCode	Controlled Substance Detected
7JX4QZ	Tramadol	8P3DHD	Tramadol
7KF97D	Tramadol	8RMCNV	Tramadol
7KYMMF	Tramadol	8RUA88	Tramadol
7LPZET	Tramadol	8UX8FE	Tramadol
7MNPUP	Tramadol	8YDF4E	Tramadol
7NVQFG	Tramadol	8ZLM9T	Tramadol
7VXLQ3	Tramadol	9ANCJ3	Contains Tramadol
7XHMKM	Tramadol	9ANJDG	Tramadol
7XJFKH	Tramadol	9B3YVP	Tramadol, Schedule IV
7ZAHAA	Tramadol	9BGQXY	Tramadol
82FMXQ	Tramadol	9CAZV3	Tramadol
82XGYZ	Caffeine and Tramadol	9DLZQB	Tramadol
82ZX3	Tramadol	9E8VUD	Tramadol
842AQE	Tramadol	9GBQDF	Tramadol
8498AQ	Tramadol	9KBYHQ	Tramadol
86M4VF	Tramadol, a Schedule IV Controlled Substance	9P29RN	tramadol
87T6F8	Tramadol	9R4N4F	Tramadol
8928TR	Tramadol	9XWBUZ	Tramadol
8BNK2E	Tramadol	9YQYEG	Tramadol
8DDMAN	tramadol	A2C68C	Tramadol
8E3WKW	Tramadol	A6CA2J	Tramadol
8E4K82	Tramadol	A748FH	Tramadol
8EKJJE	Tramadol	A99EJP	Tramadol
8FECEW	Tramadol (form not determined)	AAL34P	Tramadol
8GVGWV	tramadol	ACUHPG	Tramadol
8JFHRH	Tramadol	AEFYTG	Tramadol
8JWUAM	Tramadol	AEGJ9A	Tramadol
8L7P4R	Tramadol	AG3HUE	Tramadol

TABLE 2a - Item 2 Results
 Item Contents: Tramadol hydrochloride

WebCode	Controlled Substance Detected	WebCode	Controlled Substance Detected
AJTQTG	Tramadol, a Class E controlled substance	BR24MB	Tramadol
ALLZ4P	Tramadol	BTBH3C	Tramadol
AN7G7P	Tramadol	BU8NCW	Tramadol
AR7T3P	tramadol	BURTXN	Tramadol
ATFXFD	Tramadol	BWYK2Q	Tramadol
AVHPL6	Tramadol	C484MG	Tramadol
B4CA4Q	Tramadol	C9L9BF	Tramadol
B67UFQ	Tramadol	CBQH4R	tramadol
B69GW4	No controlled substance detected/identified	CC8XT9	Tramadol
B8JKG8	tramadol	CDF39H	Tramadol
B8RHQQ	Caffeine and tramadol are detected in Item 2.	CDJ3GR	Tramadol
B9NBBF	Tramadol	CGYTLM	tramadol
BB8C63	Tramadol	CHAZX9	Tramadol
BC7BNB	Tramadol	CJ66DW	Tramadol
BDXEDB	Tramadol	CJLCMK	Tramadol
BDYUH2	tramadol	CKWDAJ	Tramadol
BFNYFF	tramadol	CL6DH7	Tramadol HCL
BJTWZ4	Tramadol	CLWLQV	Tramadol
BKWZ3P	Tramadol	CMFE46	Tramadol
BKXNPV	Tramadol	CMH3KJ	Tramadol HCl
BLBFKX	Tramadol	CNW97Z	Tramadol
BLDXUP	Tramadol	CPCLWH	Item #01.002 contains Tramadol, a schedule IV controlled narcotic substance.
BMNHFP	Tramadol	CQCLAP	Tramadol
BMQKEP	Tramadol	CQLQB7	Tramadol
BPAL9B	Tramadol	CRVMR6	Tramadol
BQMD4D	Tramadol	CT7PFN	Tramadol
BQQTJZ	Tramadol	CTDMYZ	Tramadol

TABLE 2a - Item 2 Results
Item Contents: Tramadol hydrochloride

WebCode	Controlled Substance Detected	WebCode	Controlled Substance Detected
CYDAPF	tramadol	EMTAWV	Tramadol
CYZCJB	tramadol	EPHWF7	tramadol
CZ6C63	Tramadol	ER9GJV	Tramadol
D46MYH	tramadol (controlled), caffeine (not controlled)	EUVQK3	Tramadol
D7WRK3	tramadol	EVLYJ7	Tramadol
D9ZVKH	Tramadol	EXXL47	tramadol
DAK8A3	Tramadol	EZHMYR	Tramadol found
DCFPYU	Tramadol	F383DU	tramadol or an isomer thereof
DCHCF9	Tramadol	F3J7H7	Tramadol
DFE4LJ	tramadol	F6R38G	Tramadol
DJZPE8	Tramadol	F8D38W	Tramadol
DMGHJ2	Tramadol	FAYQJW	Tramadol
DMY2B8	Tramadol	FCCATU	Tramadol
DNT8Y8	Tramadol	FCTBWW	Tramadol
DP8C8B	Tramadol	FF7BRN	Tramadol
DUKWDW	Tramadol	FHX8GG	Tramadol
DUYQ8X	TRAMADOL	FJRV2X	Tramadol
E2X97M	Tramadol	FKH9B4	Tramadol
E38AU8	Tramadol	FLFYJP	Tramadol
E4HV33	Tramadol	FN8V8H	Tramadol
E4XVMR	Tramadol	FPXFY4	Tramadol
E834R9	Tramadol	FTEZJX	Tramadol
EDA8MV	Tramadol	FTVAJQ	Tramadol
EEM69L	Tramadol	FTZM7L	Tramadol
EFYCKA	Tramadol	FU9KWW	Tramadol
EG3DXR	Tramadol HCl	FV62R7	Tramadol
EG6YT8	Tramadol	FVM78K	Tramadol
EH7Q6L	Tramadol	FWXGBV	Tramadol

TABLE 2a - Item 2 Results
Item Contents: Tramadol hydrochloride

WebCode	Controlled Substance Detected	WebCode	Controlled Substance Detected
FX7837	Tramadol	GZU2J8	Tramadol
FXCB6X	Tramadol	GZVGQJ	Tramadol
FYMVRK	Tramadol	GZWLG9	Tramadol
FZHZ6L	Tramadol	H3HNZ2	Tramadol
G42BU3	Tramadol	H3X2DC	Tramadol, a Class E Controlled Substance
G4TX4D	Tramadol	H62PUM	Tramadol
G6R9CG	Tramadol	HAWHRN	Tramadol HCl
G7KUR7	Tramadol	HC6AV4	Tramadol
G8UKJG	Tramadol	HCJ9Z9	Tramadol
G8V97M	Tramadol	HGHU3P	Tramadol
G9M6VG	Tramadol, salt form not determined.	HHAK2W	Tramadol
GAF8C6	Tramadol	HLPK6V	Tramadol
GBTPL3	Tramadol	HNW34R	tramadol
GECQFN	Caffeine and Tramadol	HQ7F2F	Tramadol
GF6M6H	Tramadol	HQNYTL	Tramadol (IV)
GG3EC4	Tramadol	HTPZV4	Tramadol
GGNF6K	tramadol	HUMDDP	Tramadol
GHBQRJ	Tramadol	HVYG2A	Tramadol
GHV88L	tramadol	HX3K2P	Tramadol
GKDBDD	Tramadol	HZ97RA	Tramadol
GMQYFJ	Tramadol	HZN4M2	Tramadol
GQTYFF	Tramadol	J37THY	Tramadol
GRJUPP	Tramadol	J3BVKQ	Tramadol
GRKV6A	tramadol	J764EY	tramadol HCL (schedule IV)
GVF9N8	Tramadol	J84ZC9	Tramadol
GVH4YQ	Tramadol	JA9T4L	Contains Tramadol Salt form not determined
GWR96	Tramadol	JC73CW	Tramadol
GXNFTL	Tramadol		

TABLE 2a - Item 2 Results
Item Contents: Tramadol hydrochloride

WebCode	Controlled Substance Detected	WebCode	Controlled Substance Detected
JE2YEH	Tramadol	KK8R9D	Tramadol
JEW4FY	Tramadol	KQCC89	Tramadol (IV)
JFK4AF	Tramadol	KQF7YP	Tramadol
JGCZYA	Tramadol	KT49W3	TRAMADOL
JLBGB4	Tramadol	KUR4H6	Tramadol
JM2CKD	Tramadol, Schedule IV	KXDY8J	Tramadol
JNB92B	Tramadol	KXT8CD	No controlled substance detected/identified
JKDEY	Tramadol HCL	KY6UVD	Tramadol
JQ2A8Y	Tramadol	L28ALF	Tramadol
JQJADA	Tramadol	L33V9E	Tramadol Schedule 4
JVB9D4	Tramadol	L3TP9X	Tramadol
JVTUWZ	Tramadol	L4GAU3	Tramadol
JW9UFP	Tramadol	L6MW42	Tramadol
JX2BLC	Tramadol	L6TY7T	Tramadol
JXY8ME	tramadol	L78Q83	Tramadol
JZLRNC	Tramadol, Schedule IV	L8DG9Q	Found to contain tramadol
K367PR	Tramadol (salt form not determined)	L8DXBA	Tramadol
K3PVQY	Tramadol	LBYK4X	Tramadol Hydrochloride
K4WBX6	Tramadol	LCRLV8	Tramadol
K6V8WZ	Tramadol	LECKZP	Tramadol / Schedule IV
K77EU2	Tramadol	LEKCGD	tramadol
K7AT73	Tramadol	LFURNC	Tramadol
K9E9RM	Tramadol and caffeine	LG4JEM	Tramadol
KAP2U3	TRAMADOL	LJ8EXQ	TRAMADOL
KCA3PN	Tramadol	LK9YAX	Tramadol
KFT88J	Contains Tramadol	LKZ646	Tramadol
KHK4WD	Tramadol, Schedule IV	LLZXPB	Tramadol
KK66QZ	Tramadol	LNMMPL	Tramadol / Schedule IV

TABLE 2a - Item 2 Results
Item Contents: Tramadol hydrochloride

WebCode	Controlled Substance Detected	WebCode	Controlled Substance Detected
LPP8XX	Tramadol	N6H6CW	Tramadol
LQE4YP	Tramadol	NAU2WD	Tramadol
LUEBH2	Tramadol	NAVPJH	Tramadol
LXBW8J	Tramadol	NCFNPZ	Tramadol
LY6P33	Tramadol	NCML9C	Tramadol
M3GTVB	Tramadol Caffeine	NCZHBV	Tramadol
M4X9KQ	Tramadol	NE8M3Y	Tramadol (Schedule IV)
M7Z7VJ	Tramadol	NEQLZW	Tramadol
M97NTF	Tramadol	NF67T7	Tramadol
M9PBRX	Tramadol	NFK6CV	Tramadol
M9R3JD	Tramadol	NKGUT3	tramadol
MAY2J8	Tramadol	NLULLK	Tramadol
MCQX92	Tramadol	NMZVNP	tramadol
MDMWGE	Tramadol	NN8WXV	Tramadol
MEDQ6P	Tramadol	NNEFGY	Tramadol
MHC22P	Tramadol	NPVYFH	tramadol
MJP3UW	tramadol	NQ4CVX	Tramadol
MKHYJQ	tramadol	NTPNNV	Tramadol
MMRAPP	Tramadol	NUK9BV	Tramadol
MQW4JD	tramadol	NVBCYV	Tramadol
MTB84G	Tramadol	NX6VBV	Tramadol
MVKCH6	Tramadol	NZNW7G	Tramadol
MZABWF	Tramadol	P4N7P4	Tramadol
MZWRZP	Tramadol	P4TYTQ	Tramadol
MZXXNQ	Tramadol	P8NUDK	Tramadol
N2KQP8	Tramadol	PADQTJ	Tramadol
N33DQB	Tramadol	PC2PYA	Tramadol
N4CME2	Tramadol	PCWAM9	Tramadol

TABLE 2a - Item 2 Results
Item Contents: Tramadol hydrochloride

WebCode	Controlled Substance Detected	WebCode	Controlled Substance Detected
PCYRWZ	Tramadol	QNUDQ3	tramadol
PDBLG8	Tramadol	QQDELP	Tramadol
PFGXM9	Tramadol	QVQZ98	Tramadol
PFY6H6	Tramadol	QX9GMZ	Tramadol
PG987P	TRAMADOL	QXW4GW	Tramadol
PJ3RHN	Tramadol	R33CYD	tramadol
PK9WN3	Tramadol	R8ERHW	TRAMADOL
PPT26T	Tramadol	R8Z9XY	Tramadol
PQV4BW	Tramadol	RAJARL	Tramadol
PW76HL	Tramadol	RAYTCJ	Tramadol/Schedule IV
PXWHTR	Tramadol HCl	RBHVJC	Tramadol
PY9BTK	tramadol	RCQN2D	Tramadol
PYQ7D8	Tramadol	RDNF9X	Tramadol
Q6FWNA	Tramadol	RFA32L	Tramadol
QCABZU	Tramadol	RGJTTV	Tramadol
QCDT6K	Tramadol	RHEQHW	Tramadol
QDBWXV	Tramadol	RLVMXT	Tramadol
QDMPN4	Tramadol	RPH9NV	Tramadol
QE3VCU	Tramadol	RPHWVD	Tramadol
QFVXTH	Tramadol	RPWVZH	Tramadol
QGMW8F	Tramadol (C-IV) found	RRJCH	Tramadol and Caffeine not a controlled substance.
QH22FJ	Tramadol	RT7K3T	Tramadol
QJFV9L	Tramadol	RTX6JD	Tramadol
QJGZY9	Tramadol	RUHCVA	Tramadol
QL3G29	Tramadol	RUQRP9	Tramadol
QMDPFF	Tramadol	RVADWR	Tramadol
QMVX7V	Tramadol, a schedule IV controlled substance	RVPVHJ	Tramadol
QNMF8Q	Tramadol	RWFUWH	Tramadol or an isomer thereof

TABLE 2a - Item 2 Results
Item Contents: Tramadol hydrochloride

WebCode	Controlled Substance Detected	WebCode	Controlled Substance Detected
RX9WD7	Tramadol	U7ED8A	Tramadol
RY6VMJ	Tramadol	U922JA	Tramadol (Schedule IV)
RZYJ8Z	Tramadol	UAAB8Z	Tramadol
T3YJUX	tramadol	UAW4KC	tramadol
T4D67K	Tramadol	UBATNP	Tramadol
T7JKNJ	Tramadol	UDHEJP	Tramadol Caffeine
TBULV9	Tramadol	UGCEKD	Contains Tramadol
TDKN4H	tramadol or an isomer thereof	UGXUR4	No controlled substance detected/identified
TETZJX	Tramadol	UM3NUC	Tramadol
TFL3YL	Tramadol	UM6BCP	Tramadol
TGJYXW	TRAMADOL	UMZLVC	Tramadol
THC2DK	Tramadol	UNDQHV	Tramadol
THRD43	Tramadol, Schedule IV	UPPC7C	Caffeine and Tramadol
TJ4ZRJ	Tramadol	UQWRDH	TRAMADOL
TJ7KPJ	Tramadol	UQZAJT	Tramadol
TK33LU	Tramadol	UTP2NP	Tramadol
TKJATW	Tramadol	UX4CL9	Tramadol
TM4BNH	Tramadol	V44HRF	tramadol
TNW2UX	Tramadol	V7UKZP	Tramadol
TPWH8Z	Tramadol- CDS IV	VEPM22	TRAMADOL-SCHEDULE IV
TQN94L	tramadol	VFY2FG	tramadol
TQNEWU	Tramadol	VHM2PQ	Tramadol
TRHWHB	Tramadol	VJY92E	Tramadol
TRNGLY	Tramadol	VKA6HC	Tramadol
TRW9CA	Tramadol	VKRBH3	Tramadol
TV4GRL	Tramadol	VLF9GM	tramadol, salt form not determined
TWUU3R	tramadol	VMLUU2	Tramadol
U2ZMWM	tramadol		

TABLE 2a - Item 2 Results
Item Contents: Tramadol hydrochloride

WebCode	Controlled Substance Detected	WebCode	Controlled Substance Detected
VPAUZP	Tramadol	WN9QUF	Tramadol
VPJZXQ	Tramadol	WNP2CK	Tramadol
VQYR2N	Tramadol	WR8RNN	Tramadol
VQYUQT	Tramadol	WRRZMD	Tramadol or an isomer thereof
VRA36Z	Tramadol	WUC2GZ	Tramadol HCl
VTJTVB	Tramadol HCl	WZ6WPY	Tramadol
VTLERQ	No controlled substance detected/identified	X2C4EQ	Tramadol
VTQQFM	Tramadol	X2KEM3	Tramadol
VUFR6N	tramadol	X3KTLN	Tramadol
WARA9	Tramadol hydrochloride	X3TR3J	Tramadol
W2RK2Y	Tramadol	X44XHL	Tramadol
W2XDRZ	tramadol	X4WHXD	TRAMADOL
W3APGC	Contains Tramadol	XALZA4	tramadol
W3PXJK	Tramadol	XC726P	Tramadol
W6YTEP	Tramadol	XEV3CY	Tramadol
W7KLZR	Tramadol	XHBXQB	Tramadol
W7QP3J	Tramadol	XK66AT	Tramadol
W8LCFM	Tramadol	XK6G3A	Tramadol
W8ZZAM	Tramadol	XLGCLG	Tramadol
WA9ED2	tramadol	XM9E36	Tramadol
WCD86E	Tramadol	XMBYZ7	Tramadol
WEMK34	Tramadol	XN3XE4	Tramadol
WGPMNX	tramadol	XPHPGE	Tramadol
WH37KP	Tramadol	XR2AB4	Tramadol
WH78LV	tramadol	XRMWKL	Tramadol
WJ9NJK	Tramadol	XUTVWK	Tramadol
WJHB9E	TRAMADOL	XVLB6Q	Tramadol
WK7FQ6	Tramadol	XVRBHD	Tramadol or an isomer thereof

TABLE 2a - Item 2 Results
Item Contents: Tramadol hydrochloride

WebCode	Controlled Substance Detected	WebCode	Controlled Substance Detected
XWYXPQ	Tramadol	ZJJBK3	Tramadol
XXBPJT	Tramadol	ZNYH93	Tramadol
XXCCDY	Tramadol	ZPR4L9	Tramadol
XZF66D	Tramadol	ZQKYB3	Tramadol Hydrochloride
Y32RCC	Tramadol	ZRB8A6	tramadol
Y4EVA	Tramadol	ZRWYKW	tramadol
Y6M9EC	Tramadol	ZT4Z6N	tramadol
Y9QTGQ	Tramadol	ZTA48F	Tramadol
YA7Z4L	Tramadol	ZU4RL6	Tramadol
YAJRHV	Tramadol	ZU6QKJ	TRAMADOL
YAYWDM	Tramadol	ZVT633	Tramadol, Caffeine
YC7FUV	Tramadol	ZVWBGW	Tramadol
YDYZ7V	Tramadol	ZY36KF	Tramadol
YGJ22G	Tramadol	ZYGRJW	Tramadol
YKHFN7	Tramadol	ZZ9QWU	Tramadol
YQ9PY6	Tramadol		
YQLAQE	Tramadol		
YTH7J3	Tramadol		
YTVGVT	Tramadol		
YUPVAQ	tramadol		
YWBH3D	tramadol		
YXMNE2	Tramadol		
YZVQEE	TRAMADOL		
Z22TDH	Tramadol		
Z3TN3C	TRAMADOL		
ZABBX2	Tramadol		
ZECJGW	Tramadol		
ZF4F7Q	tramadol		

<i>Response Summary - Item 2</i>		Participants: 650
Tramadol hydrochloride:	645	
No controlled substance(s) detected/identified:	4	
Other:	1	

Examination Methods (Item 2)

TABLE 2b

WebCode	GC	GC/MS	Color	FTIR	UV	Raman	Crystal	TLC	LC/MS	Other
22GPKU		✓	✓							
22XJ6H		✓	✓							
26XPQF		✓	✓							
29GAK4		✓	✓							
29GCA9	✓	✓								
29XXVQ	✓	✓		✓						
2AN7UU		✓	✓							
2BGYPC		✓	✓							
2CHQ7T		✓	✓							
2CWCVF		✓		✓	✓					
2DETNM		✓	✓							
2E2Q2F	✓			✓						
2EN96N		✓	✓							
2HREV9	✓	✓								
2LCUBF		✓		✓						XRD
2MKNV2		✓	✓							
2TJJPL		✓								
2UED9C			✓					✓		Weight Measurement, DART-TOF, GC-FID-MS
2UMWWG	✓	✓		✓						
2VUZZJ	✓	✓	✓							
2W78C8	✓	✓								
2XF7KV		✓				✓				
2YQ28M		✓	✓	✓		✓				
2ZQQ7V		✓	✓							
32EM79	✓	✓								
32WRQM		✓				✓				Weight
33C6G7		✓	✓							
344R3M		✓	✓							
36CHUX		✓		✓						
38727W		✓	✓							
38JQAA		✓	✓							
39G4RV	✓	✓								
3A4R4V		✓				✓				
3AP3ZJ		✓	✓							ASAP-MS

TABLE 2b - Item 2 Examination Methods

WebCode	GC	GC/MS	Color	FTIR	UV	Raman	Crystal	TLC	LC/MS	Other
3APUYX		✓	✓							
3HXU78		✓	✓							
3KREH7		✓	✓		✓					
3ME3U7	✓	✓	✓							
3MEBQW		✓	✓							
3NAVDW		✓	✓							
3QTW8H		✓								net weight
3R8CPQ	✓	✓	✓	✓						
3RLTWC		✓	✓							
3T6XRB	✓	✓								
3TY9EK		✓		✓						
3UE37Y		✓				✓				
3URBV9		✓	✓	✓						
3WJA97		✓	✓							
3WLV88		✓	✓							
3XCUL7		✓	✓	✓	✓					
428VQX	✓	✓	✓							
44YT6W		✓	✓							
477L76		✓	✓	✓						
47MJFV		✓								
4CR2QM		✓	✓							G CIR
4DAT2T	✓	✓	✓							
4G2RZ3	✓	✓	✓							
4HDGGU		✓	✓							
4JUNPW		✓	✓							
4LDPJJ		✓							✓	
4LFC2W		✓		✓		✓				
4QH6FF	✓	✓								TruNarc
4XQVMY		✓	✓							
62K67B		✓		✓						
62QXYX		✓		✓						
6343LH		✓	✓							
64C2U6		✓	✓							
6677MX	✓	✓	✓							
68P2RW		✓		✓						
69FM8V		✓	✓	✓						
69QPE3		✓	✓		✓					

TABLE 2b - Item 2 Examination Methods

WebCode	GC	GC/MS	Color	FTIR	UV	Raman	Crystal	TLC	LC/MS	Other
6AJL4W		✓	✓							
6BDYE9	✓	✓								
6BFLWL		✓								GC/IR
6C3MXH		✓								
6DBG4C		✓		✓						XRD
6GBRYB		✓		✓						XRD
6KJCMH		✓	✓							
6LEWAH		✓	✓							
6MNA6J		✓	✓							
6PRRV8		✓		✓						
6Q4WHN		✓	✓							DART-TOF MS, GC-MS used for RT
6VMUBK	✓	✓	✓	✓						
6XZDU9		✓	✓	✓						
6Y6LMV		✓	✓	✓						
6YY2A6		✓		✓				✓		
6YZ6BP	✓	✓	✓	✓						
6ZB7WN	✓	✓	✓	✓						
6ZFDY	✓	✓		✓						GC retention time
6ZUX79		✓	✓							
726CT9		✓								
73YBEE		✓								
749HJT	✓		✓							
74PDMU		✓		✓						
77X733		✓	✓							
77ZE9M		✓	✓							
793GTG	✓	✓								
79MPR8	✓	✓	✓							DART-TOF
7BRLQV		✓	✓							
7CLZM8		✓	✓							Weight Measurement, DART-TOF
7DDUQ3	✓	✓								
7DYDPH		✓	✓	✓		✓				
7F6LMM		✓								GCIR
7GE4VD		✓	✓	✓						
7GJT94		✓	✓					✓		
7GYNLH		✓	✓			✓				
7H8WQW		✓		✓						

TABLE 2b - Item 2 Examination Methods

WebCode	GC	GC/MS	Color	FTIR	UV	Raman	Crystal	TLC	LC/MS	Other
7JX4QZ		✓								TruNarc Device
7KF97D		✓	✓							
7KYMMF		✓	✓	✓						
7LPZET		✓								
7MNPUP	✓	✓								
7NVQFG	✓	✓								
7VXLQ3	✓	✓								
7XHMKN		✓		✓						BTNX
7XJFKH		✓	✓			✓				
7ZAHAH		✓								
82FMXQ		✓	✓							
82XGYZ		✓	✓			✓				
82XZX3		✓	✓					✓		
842AQE		✓								Weight Determination
8498AQ	✓	✓		✓						
86M4VF		✓	✓							
87T6F8		✓	✓							
8928TR		✓	✓	✓	✓					
8BNK2E		✓	✓							
8DDMAN	✓	✓								
8E3WKW		✓	✓	✓						
8E4K82		✓	✓	✓						
8EKJE		✓	✓	✓						
8FECEW		✓	✓	✓						
8GVGWV		✓		✓						
8JFHRH		✓								Weight Determination
8JWUAM	✓			✓						Immunoassay BYNX Rapid Response Fentanyl Test Strip
8L7P4R	✓	✓	✓		✓					
8P3DHD		✓	✓							
8RMCNV		✓	✓							
8RUA88		✓	✓							
8UX8FE		✓	✓	✓						
8YDF4E		✓	✓							
8ZLM9T		✓	✓	✓						G CIR
9ANCJ3		✓	✓	✓	✓					
9ANJDG		✓		✓	✓					

TABLE 2b - Item 2 Examination Methods

WebCode	GC	GC/MS	Color	FTIR	UV	Raman	Crystal	TLC	LC/MS	Other
9B3YVP	✓	✓	✓							
9BGQXY		✓		✓	✓					
9CAZV3		✓								
9DLZQB		✓		✓						
9E8VUD	✓	✓	✓							
9GBQDF		✓	✓							
9KBYHQ		✓	✓							
9P29RN		✓	✓							
9R4N4F		✓	✓	✓						
9XWBUZ	✓	✓			✓					GC / RT
9YQYEG		✓	✓							
A2C68C		✓		✓						
A6CA2J	✓	✓	✓							
A748FH		✓	✓							GC/IR
A99EJP		✓		✓		✓				SFC/MS
AAL34P		✓		✓						
ACUHPG	✓	✓	✓	✓						
AEFYTG		✓	✓							
AEGJ9A	✓	✓	✓							
AG3HUE		✓	✓			✓				
AJTQTG		✓		✓	✓					
ALLZ4P		✓	✓	✓						
AN7G7P		✓	✓							
AR7T3P		✓	✓							
ATFXFD		✓	✓							
AVHPL6		✓	✓							
B4CA4Q		✓		✓						
B67UFQ		✓	✓							
B69GW4		✓								
B8JKG8		✓								TruNarc
B8RHQQ		✓	✓							
B9NBBF		✓	✓							
BB8C63		✓	✓	✓						
BC7BNB		✓	✓							
BDXEDB	✓	✓	✓							
BDYUH2	✓	✓								
BFNYFF		✓	✓	✓						

TABLE 2b - Item 2 Examination Methods

WebCode	GC	GC/MS	Color	FTIR	UV	Raman	Crystal	TLC	LC/MS	Other
BJTWZ4		✓	✓			✓				
BKWZ3P		✓				✓				
BKXNPV	✓	✓		✓						
BLBFKX		✓	✓							
BLDXUP		✓		✓						
BMNHFP		✓	✓							
BMQKEP		✓	✓							
BPAL9B		✓		✓						
BQMD4D		✓		✓	✓					
BQQTJZ		✓	✓	✓	✓					RT
BR24MB		✓	✓				✓			
BTBH3C		✓	✓							
BU8NCW		✓	✓	✓						
BURTXN		✓	✓							
BWYK2Q		✓	✓							
C484MG		✓	✓	✓						
C9L9BF		✓	✓							
CBQH4R		✓		✓						
CC8XT9		✓	✓				✓	✓		
CDF39H		✓								DART-TOF MS
CDJ3GR		✓	✓	✓						
CGYTLM		✓	✓	✓				✓		
CHAZX9	✓	✓	✓							
CJ66DW		✓		✓						
CJLCMK	✓	✓								
CKWDAJ	✓	✓	✓	✓						
CL6DH7		✓		✓						
CLWLQV		✓	✓							
CMFE46		✓		✓		✓				
CMH3KJ		✓		✓						
CNW97Z	✓	✓	✓	✓						
CPCLWH		✓	✓	✓						
CQCLAP		✓	✓							
CQLQB7		✓	✓			✓				
CRVMR6		✓		✓						
CT7PFN		✓	✓							
CTDMYZ		✓		✓						

TABLE 2b - Item 2 Examination Methods

WebCode	GC	GC/MS	Color	FTIR	UV	Raman	Crystal	TLC	LC/MS	Other
CYDAPF		✓	✓							
CYZCJB		✓	✓							
CZ6C63		✓		✓						
D46MYH		✓								
D7WRK3		✓	✓			✓				
D9ZVKH	✓	✓								
DAK8A3		✓		✓						Electronic Balance
DCFPYU		✓		✓	✓					Retention Time-GC/MS
DCHCF9		✓	✓							ph strips
DFE4LJ		✓	✓							
DJZPE8		✓	✓				✓			GC-IR
DMGHJ2		✓	✓	✓						
DMY2B8		✓	✓							GC/IR
DNT8Y8		✓				✓				
DP8C8B		✓	✓							
DUKWDW		✓		✓				✓		
DUYQ8X		✓	✓							
E2X97M		✓								
E38AU8		✓	✓							
E4HV33		✓		✓		✓				
E4XVMR		✓	✓							
E834R9	✓	✓	✓							
EDA8MV		✓	✓	✓						
EEM69L		✓	✓							
EFYCKA		✓	✓							
EG3DXR		✓								NMR
EG6YT8		✓	✓							
EH7Q6L		✓	✓			✓				
EMTAWV		✓	✓	✓						
EPHWF7		✓		✓						
ER9GJV		✓		✓				✓		
EUVQK3		✓	✓							
EVLYJ7		✓	✓							
EXXL47		✓	✓	✓						
EZHMYR		✓	✓	✓	✓					
F383DU	✓	✓								FTIR with ATR accessory

TABLE 2b - Item 2 Examination Methods

WebCode	GC	GC/MS	Color	FTIR	UV	Raman	Crystal	TLC	LC/MS	Other
F3J7H7		✓	✓							
F6R38G		✓		✓						
F8D38W		✓								
FAYQJW		✓	✓							
FCCATU	✓	✓		✓						
FCTBVW		✓	✓	✓						
FF7BRN		✓	✓							Retention Time
FHX8GG	✓	✓								
FJRV2X		✓	✓							
FKH9B4		✓		✓						
FLFYJP	✓	✓	✓	✓						GC Retention Time Confirmation with a reference standard
FN8V8H		✓	✓	✓						
FPXFY4		✓		✓						
FTEZJX		✓	✓	✓	✓					
FTVAJQ		✓	✓	✓						
FTZM7L		✓	✓							Retention Time Evaluation (GCMS)
FU9KWW		✓	✓	✓			✓			
FV62R7		✓	✓							
FVM78K		✓	✓							
FWXGBV		✓	✓					✓		
FX7837		✓		✓						
FXCB6X		✓	✓		✓					
FYMVRK		✓	✓							
FZHZ6L	✓	✓								
G42BU3		✓	✓	✓						
G4TX4D		✓								
G6R9CG		✓	✓	✓						
G7KUR7		✓	✓							
G8UKJG	✓	✓								
G8V97M		✓	✓		✓					
G9M6VG		✓								
GAF8C6		✓								Weight determination
GBTPL3		✓								
GECQFN	✓	✓	✓							
GF6M6H	✓	✓								

TABLE 2b - Item 2 Examination Methods

WebCode	GC	GC/MS	Color	FTIR	UV	Raman	Crystal	TLC	LC/MS	Other
GG3EC4	✓	✓	✓							
GGNF6K		✓	✓							
GHBQRJ		✓	✓							
GHV88L		✓	✓							
GKDBDD		✓			✓					
GMQYFJ		✓	✓							
GQTYFF		✓	✓							
GRJUPP		✓	✓	✓	✓					
GRKV6A		✓	✓	✓						
GVF9N8	✓	✓								
GVH4YQ		✓	✓	✓		✓				Immunoassay
GVR96		✓		✓						
GXNFTL		✓	✓							
GZU2J8		✓		✓	✓					
GZVGQJ		✓	✓							
GZWLG9		✓	✓	✓						
H3HNZ2		✓								
H3X2DC		✓			✓					
H62PUM		✓	✓	✓						
HAWHRN		✓								NMR
HC6AV4		✓	✓							
HCJ9Z9		✓	✓							
HGHU3P		✓	✓							
HHAK2W		✓	✓							
HLPK6V	✓	✓								
HNW34R		✓	✓							
HQ7F2F		✓	✓	✓	✓			✓		
HQNYTL		✓		✓						GC-IR
HTPZV4		✓	✓							
HUMDDP	✓	✓		✓	✓					
HVYG2A		✓	✓							
HX3K2P		✓	✓							
HZ97RA		✓	✓	✓						GC / IR
HZN4M2		✓		✓						
J37THY		✓		✓						
J3BVKQ	✓	✓		✓						
J764EY		✓		✓						

TABLE 2b - Item 2 Examination Methods

WebCode	GC	GC/MS	Color	FTIR	UV	Raman	Crystal	TLC	LC/MS	Other
J84ZC9		✓	✓							
JA9T4L		✓	✓	✓	✓					
JC73CW		✓		✓						
JE2YEH		✓		✓						
JEW4FY		✓	✓	✓		✓				
JFK4AF		✓	✓							
JGCZYA		✓		✓						GC/FTIR
JLBGB4	✓	✓	✓							
JM2CKD	✓	✓								
JNB92B		✓		✓	✓					
JPKDEY		✓		✓						
JQ2A8Y		✓		✓		✓				
JQJADA		✓	✓							
JVB9D4		✓	✓							
JVTUWZ		✓	✓							
JW9UFP		✓	✓		✓					
JX2BLC	✓	✓	✓							
JXY8ME		✓	✓	✓	✓			✓		
JZLRNC	✓	✓	✓							
K367PR		✓		✓						
K3PVQY		✓		✓						
K4WBX6		✓			✓					
K6V8WZ		✓	✓	✓						
K77EU2		✓	✓							
K7AT73		✓	✓							
K9E9RM		✓	✓	✓	✓					
KAP2U3		✓	✓							
KCA3PN		✓							✓	NIR
KFT88J	✓	✓	✓	✓						Retention Time
KHK4WD	✓		✓							GC-IRD
KK66QZ		✓		✓						
KK8R9D		✓	✓							
KQCC89	✓	✓	✓							
KQF7YP		✓	✓							
KT49W3		✓	✓							
KUR4H6		✓	✓	✓						
KXDY8J		✓	✓	✓	✓					

TABLE 2b - Item 2 Examination Methods

WebCode	GC	GC/MS	Color	FTIR	UV	Raman	Crystal	TLC	LC/MS	Other
KXT8CD		✓		✓		✓				
KY6UVD	✓	✓	✓							
L28ALF		✓								GC-FID
L33V9E	✓	✓								
L3TP9X		✓		✓						
L4GAU3		✓		✓	✓					
L6MW42	✓	✓								
L6TY7T		✓	✓							
L78Q83		✓								
L8DG9Q	✓	✓								
L8DXBA		✓								
LBYK4X		✓		✓						
LCRLV8	✓	✓	✓							
LECKZP		✓	✓	✓						
LEKCGD		✓	✓	✓		✓				
LFURNC		✓	✓							Handheld Raman (TruNarc)
LG4JEM		✓	✓							
LJ8EXQ		✓								
LK9YAX		✓	✓	✓						
LKZ646		✓				✓				
LLZXP		✓	✓							
LNMMMLP		✓	✓	✓						
LPP8XX		✓				✓				TruNarc (Uses Raman)
LQE4YP		✓	✓							
LUEBH2	✓	✓	✓							
LXBW8J	✓	✓								GC Retention Time Confirmation with a reference standard
LY6P33		✓	✓							
M3GTVB		✓	✓				✓			
M4X9KQ	✓	✓								
M7Z7VJ		✓	✓							
M97NTF	✓	✓	✓							
M9PBRX	✓	✓	✓							
M9R3JD		✓	✓							
MAY2J8		✓		✓						
MCQX92		✓	✓							

TABLE 2b - Item 2 Examination Methods

WebCode	GC	GC/MS	Color	FTIR	UV	Raman	Crystal	TLC	LC/MS	Other
MDMWGE	✓	✓	✓							
MEDQ6P		✓	✓							
MHC22P		✓	✓							
MJP3UW		✓	✓							
MKHYJQ	✓	✓								
MMRAPP		✓	✓							
MQW4JD		✓	✓							
MTB84G	✓	✓	✓	✓						GC Retention Time Confirmation with a reference standard
MVKCH6		✓								GC/IR
MZABWF		✓	✓							
MZWRZP	✓	✓	✓							
MZXXNQ	✓	✓								
N2KQP8	✓		✓							GC/IRD
N33DQB		✓	✓							
N4CME2		✓	✓							
N6H6CW		✓	✓							
NAU2WD		✓		✓						
NAVPH		✓	✓							
NCFNPZ	✓	✓								ATR
NCML9C		✓	✓							
NCZHBV		✓	✓							
NE8M3Y		✓		✓						
NEQLZW		✓	✓							
NF67T7	✓	✓	✓							
NFK6CV		✓	✓	✓						
NKGUT3		✓		✓						
NLULLK	✓	✓	✓							
NMZVNP		✓	✓	✓	✓					
NN8WXV		✓								
NNEFGY		✓	✓							
NPVYFH		✓	✓							
NQ4CVX		✓	✓							
NTPNNV	✓	✓								
NUK9BV		✓	✓							
NVBCYV		✓		✓						
NX6VBV		✓								

TABLE 2b - Item 2 Examination Methods

WebCode	GC	GC/MS	Color	FTIR	UV	Raman	Crystal	TLC	LC/MS	Other
NZNW7G		✓	✓	✓						
P4N7P4		✓	✓							GC/IR
P4TYTQ		✓		✓						
P8NUDK		✓	✓	✓	✓					
PADQTJ		✓		✓	✓					
PC2PYA	✓	✓	✓		✓					
PCWAM9		✓	✓	✓						
PCYRWZ		✓	✓			✓				
PDBLG8		✓		✓						
PFGXM9		✓	✓	✓	✓			✓		
PFY6H6		✓		✓	✓					
PG987P		✓	✓	✓						
PJ3RHN	✓	✓		✓						
PK9WN3	✓	✓	✓							GC/IR
PPT26T		✓	✓							
PQV4BW		✓	✓	✓						
PW76HL		✓	✓	✓						
PXWHTR		✓		✓						Stereomicroscope, DART
PY9BTK		✓	✓							
PYQ7D8		✓		✓						
Q6FWNA		✓	✓	✓						GC/IR
QCABZU		✓	✓	✓						
QCDT6K		✓	✓	✓						
QDBWXV		✓	✓							
QDMPN4		✓			✓					
QE3VCU	✓	✓	✓	✓						
QFVXTH		✓	✓							
QGMW8F		✓	✓							
QH22FJ		✓	✓	✓	✓			✓		
QJFV9L	✓	✓	✓							
QJGZY9		✓	✓							
QL3G29	✓	✓								
QMDPFF		✓								Weight, Visual Examination
QMVX7V		✓	✓	✓						
QNMF8Q		✓		✓		✓				
QNUDQ3		✓								

TABLE 2b - Item 2 Examination Methods

WebCode	GC	GC/MS	Color	FTIR	UV	Raman	Crystal	TLC	LC/MS	Other
QQDELP		✓	✓	✓						
QVQZ98		✓	✓	✓						
QX9GMZ		✓		✓	✓					
QXW4GW		✓	✓							
R33CYD		✓	✓							
R8ERHW	✓	✓								
R8Z9XY		✓								
RAJARL		✓	✓							
RAYTCJ		✓	✓	✓						
RBHVJC	✓	✓		✓						GC retention time confirmation using a reference standard.
RCQN2D		✓	✓							
RDNF9X		✓	✓							
RFA32L	✓	✓								
RGJTV		✓	✓	✓						
RHEQHW		✓	✓							
RLVMXT		✓								
RPH9NV		✓	✓							
RPHWVD		✓	✓							
RPWVZH		✓	✓							Retention Time
RRJJCH		✓								Separate sampling performed on 2 different GC/MS's.
RT7K3T		✓	✓	✓						
RTX6JD	✓	✓	✓	✓						GC retention time verification in comparison with a standard
RUHCVA		✓	✓							
RUQRP9	✓	✓	✓	✓			✓			
RVADWR		✓	✓	✓						
RVPVHJ		✓	✓							
RWFUWH	✓	✓		✓						
RX9WD7		✓				✓				
RY6VMJ		✓	✓					✓		
RZYJ8Z		✓	✓							GC/IR
T3YJUX		✓	✓							
T4D67K		✓	✓							
T7JKNJ		✓								

TABLE 2b - Item 2 Examination Methods

WebCode	GC	GC/MS	Color	FTIR	UV	Raman	Crystal	TLC	LC/MS	Other
TBULV9	✓	✓								
TDKN4H	✓	✓								FTIR-ATR
TETZJX		✓	✓							
TFL3YL		✓		✓		✓				
TGJYXW		✓	✓							
THC2DK		✓	✓							
THRD43	✓	✓								
TJ4ZRJ		✓								
TJ7KPJ		✓		✓						
TK33LU		✓	✓							
TKJATW		✓	✓							
TM4BNH		✓								
TNW2UX		✓			✓					
TPWH8Z	✓	✓	✓							
TQN94L		✓	✓							
TQNEWU	✓	✓	✓							
TRHWHB		✓	✓	✓						
TRNGLY		✓	✓							GC/IR
TRW9CA		✓	✓							
TV4GRL		✓	✓							
TWUU3R		✓		✓		✓				
U2ZMWM		✓		✓						
U7ED8A		✓	✓							
U922JA	✓	✓		✓						
UAAB8Z		✓		✓	✓					
UAW4KC		✓	✓							
UBATNP	✓	✓	✓							
UDHEJP		✓	✓						✓	
UGCEKD		✓	✓	✓	✓				✓	
UGXUR4		✓		✓		✓				
UM3NUC		✓	✓		✓					Retention Time
UM6BCP		✓	✓			✓				
UMZLVC		✓	✓							Weight Analysis
UNDQHV		✓	✓							
UPPC7C		✓	✓	✓		✓				
UQWRDH		✓								
UQZAJT		✓	✓							

TABLE 2b - Item 2 Examination Methods

WebCode	GC	GC/MS	Color	FTIR	UV	Raman	Crystal	TLC	LC/MS	Other
UTP2NP	✓	✓	✓							
UX4CL9	✓	✓								
V44HRF	✓	✓								
V7UKZP	✓	✓	✓							
VEPM22		✓	✓	✓						
VFY2FG		✓		✓						
VHM2PQ		✓	✓							
VJY92E		✓								
VKA6HC		✓	✓							
VKRBH3		✓					✓			
VLF9GM		✓	✓	✓						
VMLUU2		✓	✓							
VPAUZP	✓	✓	✓							
VPJZXQ		✓	✓							
VQYR2N	✓	✓		✓						
VQYUQT		✓	✓	✓	✓					
VRA36Z	✓	✓	✓							
VTJTVB		✓								NMR
VTLERQ		✓	✓							
VTQQFM		✓	✓							
VUFR6N		✓	✓							
VVARA9		✓			✓	✓		✓		uhplc-pda, hplc-pda
W2RK2Y	✓	✓								
W2XDRZ		✓	✓							
W3APGC		✓	✓	✓	✓					
W3PXJK		✓		✓		✓				
W6YTEP		✓	✓							
W7KLZR		✓				✓				
W7QP3J		✓	✓			✓				
W8LCFM		✓	✓							
W8ZZAM		✓		✓		✓				
WA9ED2		✓								
WCD86E		✓	✓							
WEMK34		✓	✓							GC/IR
WGPMNX	✓	✓		✓						
WH37KP		✓								
WH78LV		✓	✓	✓						GCIR

TABLE 2b - Item 2 Examination Methods

WebCode	GC	GC/MS	Color	FTIR	UV	Raman	Crystal	TLC	LC/MS	Other
WJ9NJK		✓		✓						
WJHB9E		✓	✓	✓						
WK7FQ6	✓	✓	✓							
WN9QUF		✓	✓							
WNP2CK		✓	✓							
WR8RNN	✓	✓	✓							
WRRZMD	✓	✓		✓						
WUC2GZ		✓		✓						
WZ6WPY	✓	✓	✓							
X2C4EQ		✓	✓	✓						
X2KEM3	✓	✓		✓						
X3KTLN									✓	
X3TR3J		✓		✓						
X44XHL	✓	✓	✓							
X4WHXD		✓	✓	✓						
XALZA4	✓	✓		✓						
XC726P	✓	✓								
XEV3CY		✓								
XHBXQB		✓	✓							
XK66AT		✓	✓							G CIR
XK6G3A		✓	✓							
XLGCLG		✓	✓							
XM9E36		✓		✓						
XMBYZ7		✓	✓		✓					
XN3XE4	✓	✓								Trunarc - presumptive
XPHPGE	✓	✓								
XR2AB4	✓	✓	✓	✓						
XRMWKL	✓	✓		✓						
XUTVWK	✓	✓	✓							
XVLB6Q	✓	✓								ATR
XVRBHD	✓	✓		✓						FTIR/ATR
XWYXPQ		✓	✓							
XXBPJT		✓	✓			✓				
XXCCDY		✓		✓						
XZF66D		✓								
Y32RCC		✓	✓					✓		
Y4EVWA		✓	✓		✓					

TABLE 2b - Item 2 Examination Methods

WebCode	GC	GC/MS	Color	FTIR	UV	Raman	Crystal	TLC	LC/MS	Other
Y6M9EC		✓	✓							
Y9QTGQ		✓								weight determination
YA7Z4L		✓	✓							
YAJRHV		✓		✓						
YAYWDM		✓	✓							
YC7FUV		✓		✓						
YDYZ7V	✓	✓	✓	✓						
YGJ22G		✓		✓						
YKHFN7		✓	✓	✓	✓					
YQ9PY6		✓		✓						DART/TOFMS
YQLAQE		✓	✓					✓		DART-TOF
YTH7J3		✓	✓							
YTVGVT		✓	✓	✓						
YUPVAQ	✓	✓	✓	✓						
YWBH3D	✓	✓								
YXMNE2		✓	✓							
YZVQEE		✓		✓		✓				LC/MS/QTOF
Z22TDH		✓		✓						
Z3TN3C		✓								
ZABBX2	✓	✓	✓							
ZECJGW		✓	✓							
ZF4F7Q	✓	✓	✓	✓						
ZJJBK3		✓	✓							
ZNYH93	✓	✓	✓							
ZPR4L9	✓	✓	✓	✓						
ZQKYB3		✓		✓						
ZRB8A6	✓	✓								
ZRWYKW		✓	✓	✓						
ZT4Z6N		✓								
ZTA48F		✓	✓	✓						
ZU4RL6		✓	✓	✓						Retention Time
ZU6QKJ		✓	✓			✓				
ZVT633		✓		✓						
ZVWBGW		✓	✓	✓						
ZY36KF		✓		✓						
ZYGRJW	✓									GC-IRD
ZZ9QWU		✓								

Response Summary									Total Participants: 650
	GC	GC/MS	Color	FTIR	UV	Raman	Crystal	TLC	LC/MS
<i>Participants</i>	140	642	405	234	54	41	6	17	5
<i>Percent</i>	22%	99 %	62%	36%	8%	6%	0.9%	3%	0.8%

Additional Comments

TABLE 3

WebCode	Additional Comments
22GPKU	Item 2 also contains caffeine, which is not controlled.
29XXVQ	Item 2 was also determined to contain caffeine.
2AN7UU	Tramadol was detected in item 2
2BGYPC	Caffeine was identified in Item 2.
2CWCFV	Caffeine also noted in Item 2.
2TJJPL	Lab does not test for salts or diluents.
2UMWWG	Item 1: Creatine suspected. Item 2: Caffeine also identified.
32WRQM	Item #1: Preliminarily found to contain Creatine. Item #2: Preliminarily found to contain Caffeine.
3KREH7	possible Creatine Monohydrate was detected in Item 1. Caffeine was also detected in Item 2.
3ME3U7	Caffeine was also being detected in item 2 but it is not listed in the Controlled Substance Act. Meanwhile, tramadol in Item 2 is an opioid analgesics and it is listed in Schedule IV of the Controlled Substance Act in the United States.
3XCUL7	Creatine hydrate detected by FTIR/ATR in Item 1. Caffeine detected by UV and GCMS in Item 2.
4LDPJJ	Caffeine was also identified in Item 2.
4LFC2W	Item 2 also contained Caffeine, a common adulterant.
4XQVMY	Item 1. Creatinine was identified by GCMS library match only. Item 2 Caffeine was also identified by GCMS library match only.
6BDYE9	Identified creatinine in Item 1
6C3MXH	Lab does not test for salts or diluents.
6GBRYB	No controlled or related substances identified in Exhibit 1. Caffeine and Tramadol (C-IV) were identified in Exhibit 2. Scheduling information reported is based on US Code of Federal Regulations Title 21 Section 1308. Exhibits discussed in the forensic discipline reports were examined: all results are accredited and formed using accepted scientific and professional practices. The [Laboratory] is accredited under ISO/IEC 17025. See [accreditation information].
6KJCMH	Item 2 submitted as opioid class drug to GC/MS.
6MNA6J	Item 2 also contained caffeine.
6YZ6BP	Caffeine was indicated in the powder from item 2.
6ZB7WN	The presence of creatine was indicated in item 1. The presence of caffeine was indicated in item 2.
77X733	1. No controlled substance detected in Item 1. 2. Tramadol and caffeine are detected in Item 2.
793GTG	Caffeine also identified in Item 2
7DDUQ3	Caffeine also identified in Item 2
7GE4VD	Additionally, caffeine identified in item 2

TABLE 3

WebCode	Additional Comments
7H8WQW	Creatine monohydrate was identified in Item 1 and caffeine was identified in Item 2.
7NVQFG	Item 1 had Creatine. Item 2 also had caffeine.
82XGYZ	Caffeine and Tramadol are controlled substance under [State Legislation]
87T6F8	Caffeine was identified in Item 2.
8GVGWW	Creatine was identified in Item 1. Caffeine was also identified in Item 2.
8RUA88	[Laboratory Identifier] (Item 1) Presumptively identified as containing creatine hydrate (not a controlled substance). [Laboratory Identifier] (Item 2) Presumptively identified as containing TRAMADOL, which is listed in the Controlled Substances Act, Title 21 of the United State Code of Federal Regulations. Also, presumptively identified to contain caffeine (not a controlled substance).
9GBQDF	Caffeine identified in Item 2.
A99EJP	[From Tables 1b and 2b – Examination methods: “Portable-FTIR”]
AJTQTG	Item 1 was found to contain Creatine.
AVHPL6	Caffeine was confirmed in Item 2.
B69GW4	Caffeine was also found in item 1
B9NBBF	Item #2 also contained caffeine.
BPAL9B	1. Creatine monohydrate was identified in item #1. 2. Caffeine was identified in item #2.
BQMD4D	Creatine identified in Item 1. Caffeine also identified in Item 2.
BU8NCW	Also identified Caffeine in item 2.
BWYK2Q	Item 1- One glassine bag was analyzed and found to contain: No Controlled Substances Identified in accordance with [State Statute]. Net weight of material - 0.21 (+/- 0.03) gram(s). Item 2- One glassine bag was analyzed and found to contain: Tramadol. Net weight of material - 0.23 (+/- 0.03) gram(s). Analysis was conducted using the following methods: color test, microcrystalline test, GC-MS. Measurement uncertainty of reported net weights is at a 99.7% level of confidence.
CDF39H	GC/MS used for both retention time and mass spectral data
CJ66DW	Item 1: Analysis by ATR-FTIR tentatively identifies creatine. Item 2: Analyses by ATR-FTIR and Mass Spectrometry also identify caffeine.
CMFE46	Creatine was presumptively identified in Item 1. Caffeine was also identified in Item 2.
CT7PFN	Caffeine was identified in Item 2.
CYDAPF	Item 2 also contained caffeine
CZ6C63	Item 2 caffeine also detected.
D46MYH	Substance present in item 1 is: creatinine (not controlled). Substances present in item 2 are: tramadol (controlled), caffeine (not controlled).
DJZPE8	Caffeine was also detected in item 2
DMGHJ2	Presumptively identified to contain TRAMADOL.

TABLE 3

WebCode	Additional Comments
DNT8Y8	[From Table 1a: Drug Analysis – Item 1 Results: No controlled substance detected/identified: "Creatinine."]
DP8C8B	Caffeine was identified in Item 2.
DUKWDW	Item 002 was also found to contain Caffeine in addition to Tramadol.
E2X97M	Caffeine, a non-controlled substance, was also identified in item 2.
E4HV33	Item 1: Creatine non-controlled. Item 2: Caffeine non-controlled.
EDA8MV	Item 2 also has the presence of the non-controlled substance Caffeine.
EG3DXR	Item 1 had Creatine. Item 2 also had caffeine.
EH7Q6L	Lab reports out as tramadol (and/or isomers).
EXXL47	Item 2 also contained caffeine, which is found over the counter.
EZHMYR	In addition to tramadol, item 2a also had caffeine present in the sample.
F6R38G	Caffeine was also Presumptively identified in item 2
FCCATU	Item 1. Indication of Creatine. Creatine is thermally labile, and it cyclizes into Creatinine using GC analysis. Both are considered a non-controlled substance & diluent. Item 2. Tramadol and Caffeine identified.
FTVAJQ	Item 1: detected creatine. Item 2: detected caffeine.
FTZM7L	Caffeine also detected.
FU9KWW	Caffeine was also identified in item 2.
FXCB6X	Caffeine was also identified in Item 2 with the tramadol
G42BU3	Item 1: Powder was consistent with creatinine by IR analysis. Item 2: Caffeine was also identified by GCMS and provisionally identified by IR analysis.
G4TX4D	(Item 1) 01.1: 199.9 mg +/- 1.8 mg of fine white material in one glassine packet. 01.1: No controlled substances detected in the fine white material. Methods of analysis: FT-IR and GC-MS x2. (Item 2) 01.2: 243.2 mg +/- 1.8 mg of fine white material in one glassine packet. 01.2: Fine white material contains tramadol. Methods of analysis: GC-MS x2.
G6R9CG	Item two: caffeine also detected
G8V97M	Analyst also identified Caffeine in Item 2.
GAF8C6	Caffeine was indicated in Item 2, but was not confirmed.
GKDBDD	Item 1 found to contain Creatine. Item 2 also indicated Caffeine.
GVF9N8	Item 1 had Creatine. Item 2 also had caffeine.
GXNFTL	Caffeine was identified in Item 2.
GZU2J8	Item 1 was found to contain Creatine. Analysis of Item 2 indicated the presence of Tramadol, a Class E controlled substance, and Caffeine.
H3X2DC	Item 1 was found to contain Creatine. Analysis of Item 2 also indicated the presence of Caffeine.

TABLE 3

WebCode	Additional Comments
HAWHRN	Item 1 had Creatine. Item 2 also had caffeine.
HCJ9Z9	Item #2 also contained caffeine.
HLPK6V	Item 2 also contains caffeine
HQNYTL	Item 1 was determined to be Creatine.
HVYG2A	Item 2 also contained caffeine.
HZN4M2	[From Table 1a: Drug Analysis – Item 1 Results: No controlled substance detected/identified: "Creatinine."]
J37THY	Item 2 contained caffeine and Tramadol
J3BVKQ	Caffeine also identified in Item 2
J764EY	Caffeine was present in Item 2.
JA9T4L	2a also contained Caffeine
JNB92B	Item 1 was found to contain Creatine. Analysis of Item 2 indicated the presence of Tramadol, a Class E controlled substance, and Caffeine.
JW9UFP	Possible creatine detected in item 1. Caffeine also detected in item 2.
K367PR	Item 1 contains a substance consistent with creatine. Item 2 also contains caffeine.
K4WBX6	Creatine was identified in Item 1. Caffeine was identified in Item 2.
K6V8WZ	Item 2 also contained Caffeine.
K7AT73	Item 1: The item was analyzed using color testing and a general screen method with gas chromatography/mass spectrometry. No controlled substances were identified. Item 2: The item was analyzed using color testing and a general screen method with gas chromatography/mass spectrometry (GC-MS) and found to contain tramadol, a controlled substance. Note: Deviation to test method occurred as a shorter instrumental method was appropriate for the substance identified.
KCA3PN	Presence of Creatine in Item 1. Presence of Caffeine in Item 2.
KK66QZ	Caffeine was also identified in Item 2.
KXDY8J	Caffeine identified in item 2
L4GAU3	Item 1 was found to contain Creatine. Item 2 indicated the presence of Tramadol and Caffeine.
L6MW42	Item 1 had Creatine. Item 2 also had caffeine.
L78Q83	Caffeine was identified in Item 2.
LBYK4X	Item 1 presumptively contains creatine. Item 2 is confirmed to contain caffeine and tramadol hydrochloride.
LFURNC	Caffeine also identified in item 2
LK9YAX	Creatine was identified in Item 1. Creatine was identified in Item 2.
LKZ646	Analysis of Item 1 indicated the presence of Creatine. Analysis of Item 2 indicated the presence of Tramadol, a Class E controlled substance, and Caffeine.

TABLE 3

WebCode	Additional Comments
M7Z7VJ	Item 1: Creatine detected. Item 2: Caffeine also detected.
M97NTF	Caffeine indicated but not confirmed in Item 2.
MAY2J8	Creatine hydrate was detected in item 1. Caffeine was also found in item 2.
MCQX92	Item 1 had suspected Creatine. Item 2 also contained suspected caffeine. Both items were analyzed using 2 separate sampling events and run on the GC/MS using different methods for samples A+B.
MEDQ6P	Caffeine also identified.
MHC22P	Caffeine also confirmed in Item 2.
MZABWF	Caffeine was identified in Item 2.
N33DQB	Caffeine detected in item 2
NCFNPZ	Item 1 had Creatine. Item 2 also had caffeine.
NE8M3Y	Item 1-creatine was detected. Item 2-Tramadol (Schedule IV) and caffeine detected.
NN8WXV	Also contains caffeine
NVBCYV	[From Table 1a: Drug Analysis – Item 1 Results: No controlled substance detected/identified: "Creatinine."]
P8NUDK	Caffeine also identified in item 2
PCYRWZ	Creatine/creatinine was indicated but not confirmed in item 1. Caffeine was indicated but not confirmed in item 2.
PDBLG8	Caffeine was also confirmed on item 2.
PFY6H6	Item 1 indicated the presence of Creatine. Item 2 also indicated the presence of Caffeine.
PG987P	Item 1 was identified as creatine (unconfirmed). Item 2 also contained caffeine.
PK9WN3	Data is included in case notes.
PPT26T	item 1: Creatinine (provisional identification only by GC/MS due to the absence of a reference standard. item 2: Caffeine and tramadol (Confirmation by GC/MS).
PW76HL	Creatine has been detected in Item 1. Caffeine has been detected in addition to Tramadol in Item 2.
QDMPN4	Item 1: Creatine, Item 2: Caffeine
QE3VCU	Creatine Hydrate was indicated in Item 1, but not confirmed.
QX9GMZ	Item 1 was found to contain Creatine. NOTE: The contents of the one bag were weighed and tested. The weight of the tested powder was 0.19 grams. Analysis of Item 2 indicated the presence of Tramadol, a Class E controlled substance, and Caffeine. NOTE: The contents of the one bag were weighed and tested. The weight of the tested powder was 0.23 grams.
R8Z9XY	Caffeine was also detected in Item 2.
RAJARL	Qualitative only
RAYTCJ	Item 2 had Caffeine noted.

TABLE 3

WebCode	Additional Comments
RCQN2D	Caffeine was identified in Item 2.
RFA32L	Item 2 had caffeine present in sample and was not reported on report (non-controlled substance)
RPWVZH	Caffeine detected in Item#2
RRJJCH	Tramadol is a Controlled Substance in [State] Class E, Prescription Drug.
RT7K3T	Creatine was indicated in Item 1. Caffeine was detected in Item 2. Tramadol is not listed in [State Legislation] of [State]. It is listed in Schedule 4 to the [Legislative Instrument].
RVADWR	Item 1 contained indications of creatine. Item 2 also contained indications of caffeine. These uncontrolled substances were not confirmed as per standard operating procedures.
T4D67K	Caffeine was detected in item 2
TETZJX	Item #2 also contained caffeine.
TJ7KPJ	Caffeine was also identified in item 2.
UDHEJP	Item 1: Creatine was identified as a component of the powder.
UGCEKD	Item 2 also contains caffeine
UPPC7C	Item 1 : No control substance detected and on analysis it was found to contain creatine. Item 2 : Caffeine and Tramadol are controlled under [State Legislation].
VEPM22	CAFFEINE (Noncontrolled) was also identified in Item 2.
VHM2PQ	Caffeine also identified in item 2.
VL9GM	The presence of creatine monohydrate was indicated in item 1. The presence of caffeine was indicated in item 2.
VTJTVB	Item 1 had Creatine. Item 2 also had caffeine.
VTLERQ	Item 2 was presumptive positive for tramadol. No standard available to confirm. Tramadol is not controlled in [State]. [From Table 2a - Item 2 Results: "Presumptive positive for tramadol (not controlled in [State])"]
WARA9	Creatine was detected in item 1 in the screening step using a handheld RAMAN. Caffeine was also detected in item 2.
W3APGC	Caffeine detected in Item 2
W7KLZR	Creatine/Creatinine was indicated but not confirmed in item 1. Caffeine was indicated but not confirmed in item 2.
W8ZZAM	[From Table 1a: Drug Analysis – Item 1 Results: No controlled substance detected/identified: "Creatinine."]
WH37KP	The laboratory does not test for salts or diluents.
WJ9NJK	A portion of item 1: first powdered substance was presumptively identified as containing creatine via FTIR analysis. A portion of item 2: second powdered substance was identified as containing caffeine via mass spectra and FTIR analysis.
X3KTLN	Caffeine detected in item 2
XC726P	Item 2 also has caffeine

TABLE 3

WebCode	Additional Comments
XK6G3A	Caffeine was also detected for Item 2.
XM9E36	Item 2 also contained caffeine. Not a controlled substance but potentially relevant to case work.
XMBYZ7	Caffeine was detected and confirmed for item 2
XVLB6Q	Item 1 had Creatine. Item 2 also had Caffeine.
XXCCDY	Caffeine was identified in item 2 as well but is not controlled
Y4EWWA	Caffeine was also present in in Item 2, but is not a controlled substance.
YAJRHV	Item 1 had indications of creatine, but it was not conclusively identified. Item 2 also contained caffeine.
YQ9PY6	Item 2 unknown substance weighed 242.8 milligrams +/- 1.3 milligrams (99.7% confidence level). Tramadol was identified within Item 2. No controlled substances were identified within Item 1. Items 1 and 2 were examined by visual examinations, weight determination, infrared spectroscopy, direct analysis in real time/time-of-flight mass spectrometry, and gas chromatography/mass spectrometry.
YQLAQE	Item 2 also contained probable Caffeine-not confirmed.
YZVQEE	ITEM NO.1 IS A MIXTURE OF CAFFEINE AND TRAMADOL. ITEM NO.2 IS A MIXTURE OF CREATINE, CAFFEINE, AND TRAMADOL.
ZQKYB3	Caffeine also present in Item 2
ZRWYKW	Caffeine also identified in Item 2.
ZTA48F	Item 1-[Laboratory Identifier]-Presumptively identified to contain creatine, not a controlled substance. Item 2-[Laboratory Identifier]- Presumptively identified to contain TRAMADOL, which is listed in the Controlled Substances Act, Title 21 of the United State Code of Federal Regulations. Also contains caffeine, not a controlled substance
ZVWBGW	Caffeine also identified in item #2.

Test No. 24-5001: Drug Analysis

DATA MUST BE SUBMITTED BY **May 28, 2024, 11:59 p.m. EDT** TO BE INCLUDED IN THE REPORT

Participant Code: U1234J

WebCode: 8YJTL9

The Accreditation Release section can be accessed by using the "Continue to Final Submission" button above. This information can be entered at any time prior to submitting to CTS.

Scenario:

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 is based on the list in section 1308 of the Title 21 Code of Federal Regulations under the United States Controlled Substances Act.

Items Submitted (Sample Pack DA1):

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.)

GC Color Tests UV Crystal Tests LC/MS
GC/MS FTIR Raman TLC

Other (specify):

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

No controlled substance detected/identified

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.)

GC Color Tests UV Crystal Tests LC/MS
GC/MS FTIR Raman TLC

Other (specify):

3.) Additional Comments

Please note: Any additional formatting applied in the free form space below will not transfer to the Summary Report and may cause your information to be illegible. This includes additional spacing and returns that present your responses in lists and tabular formats.

RELEASE OF DATA TO ACCREDITATION BODIES

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- This participant's data is not intended for submission to ANAB and/or A2LA.

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 the applicable Accreditation Certificate Number(s) for your laboratory.

ANAB Certificate No.

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Step 2: Complete the Laboratory Identifying Information in its entirety.

Authorized Contact Person and Title

Laboratory Name

Location (City/State)