November 18 2022

groupe de recherche et d'intervention psychosociale

Drug Checking Service (SAS)

Report on samples checked from August to October 2022

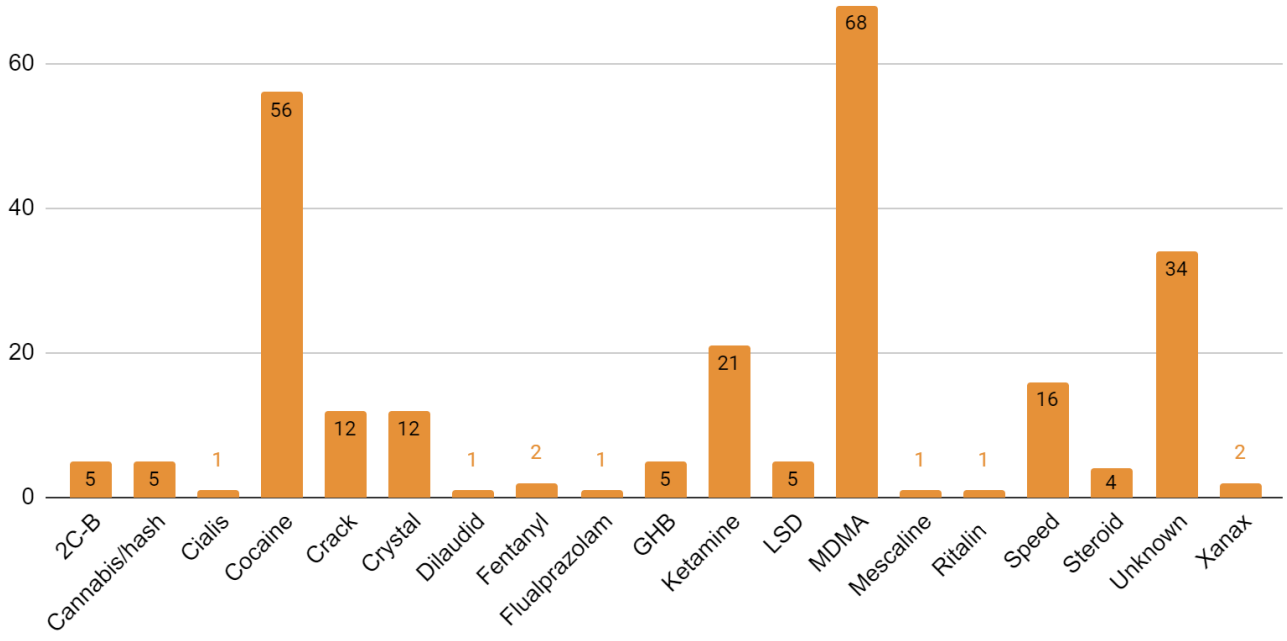
Key points

- During this period we checked **252 samples**.
- Tiletamine was detected in two samples, one of cocaine and one of ketamine. Tiletamine is a dissociative analgesic that has similar effects as ketamine, but may last much longer.
- Two samples that were thought to be fentanyl contained benzodiazepine(s) instead.
- In one sample of supposed 2C-B we detected caffeine, ketamine, and fillers instead.

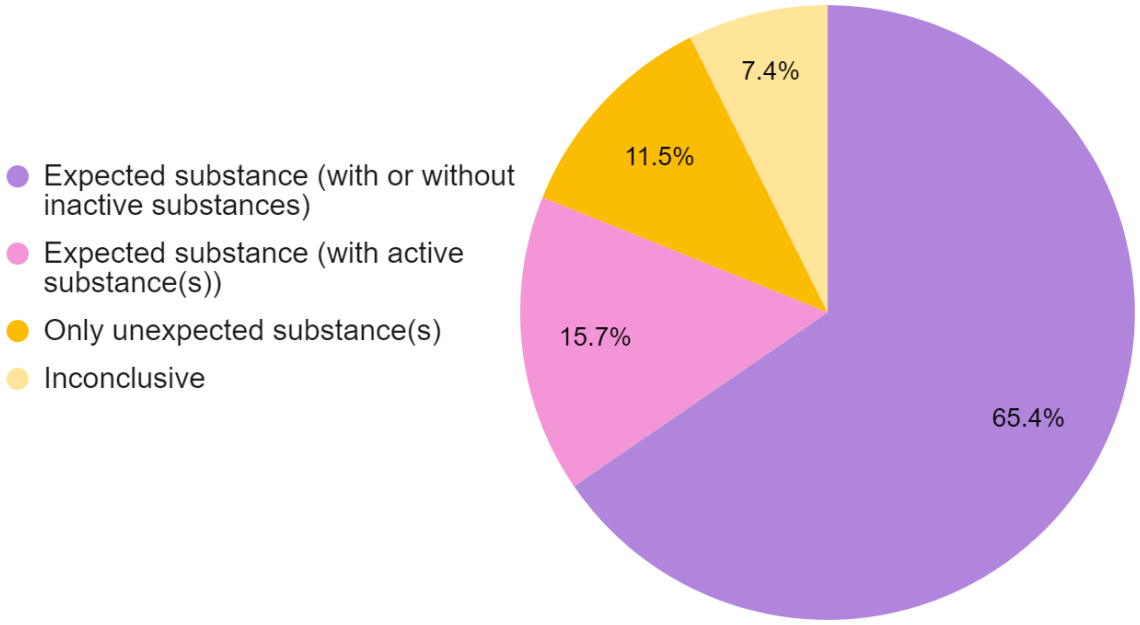
Data on the visitors of our service in August, September, and October:

240 visitors to our mobile service
74 visitors without drug checking (distribution of material and overdose prevention)
166 visitors with drug checking
252 substances

Variety of checked samples:



General results:



Cutting agents and adulterants commonly found:

- 2F-DCK (2-fluoro-deschloroketamine)
  - 2F-DCK has been found as an adulterant in samples that are thought to be ketamine. In these cases, it is used as a replacement of ketamine. According to subjective reports, the effects of 2F-DCK are similar to those of ketamine, with more confusion and a slightly different feeling of the "k-hole".

- Calcium carbonate
  - Calcium carbonate is a filler commonly used in pills of speed and MDMA. Calcium carbonate has a large variety of uses, like as a nutritional supplement of calcium, as an ingredient of cement, and in the agricultural industry. Several risks of consuming calcium carbonate include that it may contain lead, and that if it is sniffed it could irritate the respiratory passages.

- Tiletamine
  - Tiletamine is a dissociative analgesic, and is similar to ketamine and PCP. It is used in veterinary medicine and as a sedative for large mammals. The effects and dosage for use by humans has not been well studied.

- Creatine
  - Creatine exists naturally in the human body and is part of the process of energy production in muscles. Creatine is thought to increase mental and physical performance, but its use can have some adverse effects. In addition, if it is sniffed it can irritate the respiratory passages.

groupe de recherche et d'intervention psychosociale

Drug checking service (SAS) - Report for August to October 2022

					Test strip results			
ID	Presumed substance (expected substance)	Sample type	Colour and shape	FT-IR results (See notes 1 and 2)	Fentanyl test strips (Note 3)	Benzo test strips (Note 4)	Apparent composition	Comments
277	2C-B	Powder	white	2C-B	Negative	-	2C-B	
454	2C-B	Crystals	beige	Sucrose and 2C-B	Negative	-	Sugar (sucrose) and 2C-B	
484	2C-B	Capsule with crystals	white	2C-B and sucrose	Negative	-	2C-B and sugar (sucrose)	
491	2C-B	Powder	pink fluo	Caffeine, ketamine, creatine, and lactose	Negative	-	Caffeine, ketamine and fillers (creatine and lactose)	This sample seems to be "tuci", a mixture of substances sometimes sold as 2C-B or "pink cocaine".
519	2C-B	Capsule with powder	white	2C-B and sucrose	-	-	2C-B and sugar (sucrose)	
397	Cannabis	Organic material	buds, dark green	-	Negative	-	Inconclusive	FT-IR is not possible with organic material.
434	Cannabis	Organic material	buds, dark green	-	Negative	-	Inconclusive	FT-IR is not possible with organic material.
510	Cannabis	Organic material	buds, dark green	-	Negative	-	Inconclusive	FT-IR is not possible with organic material.
482	Cannabis (synthetic cannabinoid)	Organic material	buds, dark green	-	-	-	Inconclusive	None of our tests can detect synthetic cannabinoids in organic material.
417	Cialis (Tadalafil)	Pill	pale yellow, teardrop shape	Tadalafil, cellulose, and an uncertain match	Negative	-	Tadalafil, cellulose, and other substance(s)	
355	Cocaine	Powder	white	Cocaine and sucrose	Negative	-	Cocaine and sugar (sucrose)	
278	Cocaine	Powder	white	Creatine and cocaine	Negative	-	Creatine and cocaine	
293	Cocaine	Powder	white	Cocaine	Negative	-	Cocaine	
299	Cocaine	Powder	white	Cocaine	Negative	-	Cocaine	
302	Cocaine	Powder	white	Creatine, cocaine, and mannitol	Negative	-	Creatine, cocaine, and sugar (mannitol)	
305	Cocaine	Powder	white	-	Negative	-	Inconclusive	Not enough of the sample for FT-IR analysis.
306	Cocaine	Powder	white	Cocaine	Negative	-	Cocaine	

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ID	Presumed substance (expected substance)	Sample type	Colour and shape	FT-IR results (See notes 1 and 2)	Fentanyl test strips (Note 3)	Benzo test strips (Note 4)	Apparent composition	Comments
309	Cocaine	Powder	white	Cocaine	Negative	-	Cocaine	
310	Cocaine	Powder	white	Cocaine	Negative	-	Cocaine	
314	Cocaine	Powder	white	Cocaine	Negative	-	Cocaine	
326	Cocaine	Powder	white	Cocaine	Negative	-	Cocaine	
328	Cocaine	Powder	white	Cocaine	Negative	-	Cocaine	
337	Cocaine	Powder	white	Inositol and cocaine	Negative	-	Sugar (inositol) and cocaine	
339	Cocaine	Powder	white	Cocaine and creatine	Negative	-	Cocaine and creatine	
346	Cocaine	Powder	white	Cocaine and caffeine	Negative	-	Cocaine and caffeine	
362	Cocaine	Powder	white	Cocaine	Negative	-	Cocaine	
363	Cocaine	Powder	white	Cocaine	Negative	-	Cocaine	
364	Cocaine	Powder	white	Cocaine	Negative	-	Cocaine	
371	Cocaine	Powder	white	Cocaine	Negative	-	Cocaine	
373	Cocaine	Powder	white and fluffy	Cocaine and an uncertain match	Negative	-	Cocaine and other substance(s)	
380	Cocaine	Powder	white	Cocaine	Negative	-	Cocaine	
391	Cocaine	Powder	white	Cocaine	Negative	-	Cocaine	
394	Cocaine	Powder	white	Cocaine and boric acid	Negative	-	Cocaine and boric acid	Boric acid has many uses, for example as a cleaning agent, a pesticide, and in the medical industry. If sniffed, it could cause irritation in the nasal passages.
399	Cocaine	Powder	white	Cocaine	Negative	-	Cocaine	
405	Cocaine	Powder	white	Cocaine	Negative	-	Cocaine	
408	Cocaine	Capsule with powder	white	Cocaine and an uncertain match	Negative	-	Cocaine and other substance(s)	
418	Cocaine	Pebbles (chunks)	white	Cocaine freebase	Negative	-	Cocaine freebase	In this case crack was sold as cocaine.

					Test strip results			
ID	Presumed substance (expected substance)	Sample type	Colour and shape	FT-IR results (See notes 1 and 2)	Fentanyl test strips (Note 3)	Benzo test strips (Note 4)	Apparent composition	Comments
419	Cocaine	Powder	white	Cocaine and an uncertain match	Negative	-	Cocaine and other substance(s)	More advanced testing in a laboratory found the presence of cocaine, caffeine, mannitol, and lidocaine.
420	Cocaine	Powder	white	Cocaine and inositol		-	Cocaine and sugar (inositol)	
427	Cocaine	Powder	white	Cocaine and caffeine	Negative	-	Cocaine and caffeine	
441	Cocaine	Pebbles (chunks)	white	Cocaine	Negative	-	Cocaine	
447	Cocaine	Powder	white	Cocaine	Negative	-	Cocaine	
451	Cocaine	Powder	white	Cocaine	Negative	-	Cocaine and possibly levamisole	Colorimetry indicated the presence of levamisole, a medication used to treat parasitic infections.
457	Cocaine	Powder	white	Cocaine	Negative	-	Cocaine	
460	Cocaine	Powder	white	Cocaine	Negative	-	Cocaine	
462	Cocaine	Powder	white	Cocaine, caffeine, and mannitol	Negative	-	Cocaine, caffeine, and sugar (mannitol)	
463	Cocaine	Powder	white	Cocaine	Negative	-	Cocaine	
467	Cocaine	Pebbles (chunks)	white	Cocaine freebase	-	-	Cocaine freebase	In this case crack was sold as cocaine.
473	Cocaine	Powder	white	Cocaine	-	-	Cocaine	
479	Cocaine	Powder	white	Cocaine, caffeine, phenacetin, and an uncertain match	Negative	-	Cocaine, caffeine, phenacetin, and other substance(s)	Phenacetin is a pain-killer similar to Tylenol, but is no longer used due to carcinogenic properties.
480	Cocaine	Powder	white	Cocaine and caffeine	Negative	-	Cocaine and caffeine	
485	Cocaine	Powder	white	Cocaine	Negative	-	Cocaine	
487	Cocaine	Powder	white	Cocaine	Negative	-	Cocaine	
488	Cocaine	Pebbles (chunks) and powder	white	Ammonium salt	Negative	Negative	Ammonium salt and cocaine	Colorimetry indication the possible presence of cocaine.
501	Cocaine	Powder	white	Cocaine and caffeine	Negative	-	Cocaine and caffeine	
504	Cocaine	Powder	white	Cocaine, caffeine, and phenacetin	-	-	Cocaine, caffeine, and phenacetin	Phenacetin is a pain-killer similar to Tylenol, but is no longer used due to carcinogenic properties.

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ID	Presumed substance (expected substance)	Sample type	Colour and shape	FT-IR results (See notes 1 and 2)	Fentanyl test strips (Note 3)	Benzo test strips (Note 4)	Apparent composition	Comments
512	Cocaine	Powder	white	Cocaine et tiletamine	Negative	-	Cocaine and tiletamine	Tiletamine is a dissociative analgesic, sometimes used in veterinary medicine, but the dosage and effects in humans has not been well studied.
517	Cocaine	Powder	white	Cocaine	Negative	-	Cocaine	
521	Cocaine	Powder	white	Cocaine	Negative	-	Cocaine	
522	Cocaine	Powder	white	Cocaine, caffeine, and phenacetin	Negative	-	Cocaine, caffeine, and phenacetin	Phenacetin is a pain-killer similar to Tylenol, but is no longer used due to carcinogenic properties.
523	Cocaine	Paste	light red	Cocaine	Negative	Negative	Cocaine	
524	Cocaine	Paste	light red	Cocaine (weak match)	Negative	Negative	Cocaine	
440	Cocaine (caffeine)	Pebbles (chunks)	white	Cocaine	Negative	-	Cocaine	
486	Cocaine (cathinones)	Powder	white	Cocaine	Negative	-	Cocaine and other substance(s)	Colorimetry indicated the possible presence of amphetamine and levamisole.
341	Cocaine (methamphetamine)	Powder	white	Cocaine and an uncertain match	-	-	Cocaine and other substance(s)	Colorimetry indicated the possible presence of meth/amphetamine.
410	Cocaine (methamphetamine)	Powder	white	Cocaine	Negative	-	Cocaine and other substance(s)	Colorimetry indicated the presence of cocaine and other non-identifiable substances.
357	Crack (cocaine freebase)	Pebbles (chunks)	white	Cocaine freebase	Negative	-	Cocaine freebase	
359	Crack (cocaine freebase)	Residue	white and brown	Cocaine freebase and sodium oleate	-	-	Cocaine freebase and sodium oleate	Sodium oleate, or oleic acid, is used in soap-making and sometimes is used as a pharmaceutical filler.
396	Crack (cocaine freebase)	Pebbles (chunks)	white	Cocaine freebase and cocaine	Negative	-	Cocaine freebase and cocaine	
436	Crack (cocaine freebase)	Residue	crack pipe, black residue	-	Negative	-	Inconclusive	
466	Crack (cocaine freebase)	Pebbles (chunks)	white	Cocaine freebase	Negative	-	Cocaine freebase	
474	Crack (cocaine freebase)	Pebbles (chunks)	white	Cocaine freebase	Negative	-	Cocaine freebase	
477	Crack (cocaine freebase)	Pebbles (chunks)	white	Cocaine freebase	Negative	-	Cocaine freebase	
492	Crack (cocaine freebase)	Pebbles (chunks)	white	Cocaine freebase	Negative	-	Cocaine freebase	

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ID	Presumed substance (expected substance)	Sample type	Colour and shape	FT-IR results (See notes 1 and 2)	Fentanyl test strips (Note 3)	Benzo test strips (Note 4)	Apparent composition	Comments
494	Crack (cocaine freebase)	Pebbles (chunks)	white	Cocaine freebase	Negative	Negative	Cocaine freebase	
500	Crack (cocaine freebase)	Pebbles (chunks)	white	Cocaine freebase	Negative	-	Cocaine freebase	
506	Crack (cocaine freebase)	Pebbles (chunks)	white	Cocaine freebase and phenacetin	Negative	-	Cocaine freebase and phenacetin	Phenacetin is a pain-killer similar to Tylenol, but is no longer used due to carcinogenic properties.
509	Crack (cocaine freebase)	Residue	crack pipe	Cocaine freebase and phenacetin	Negative	-	Cocaine freebase and phenacetin	Phenacetin is a pain-killer similar to Tylenol, but is no longer used due to carcinogenic properties.
347	Crystal meth	Crystals	white	Methamphetamine	Negative	-	Methamphetamine	
348	Crystal meth	Crystals	white	Methamphetamine	Negative	-	Methamphetamine	
455	Crystal meth	Crystals	white	Methamphetamine	Negative	-	Methamphetamine	
464	Crystal meth	Crystals	white	Methamphetamine	Negative	-	Methamphetamine	
476	Crystal meth	Pebbles (chunks)	transparent	Methamphetamine	Negative	-	Methamphetamine	
495	Crystal meth	Residue	white	Methamphetamine	Negative	Negative	Methamphetamine	
496	Crystal meth	Residue	white	Methamphetamine	Negative	Negative	Methamphetamine	
497	Crystal meth	Residue	brown	Methamphetamine	-	-	Methamphetamine	
498	Crystal meth	Residue	brown	Methamphetamine	Negative	Negative	Methamphetamine	
499	Crystal meth	Powder	white	Methamphetamine	Negative	-	Methamphetamine	
515	Crystal meth	Crystals	transparent	Methamphetamine and an uncertain match	-	-	Methamphetamine and one or more other substance(s)	
458	Crystal meth (fentanyl)	Residue	crystal pipe, black and brown	Methamphetamine	Negative	Negative	Methamphetamine	
439	Dilaudid (Hydromorphone)	Pill	yellow, round	Lactose	Negative	Negative	Inconclusive	
437	Fentanyl	Residue	maxi cup, brown powder	Cellulose and cocaine freebase	Negative	Positive	Cellulose, cocaine freebase, and presence of benzodiazepine(s)	
438	Fentanyl	Residue	maxi cup, pink powder	-	Negative	Positive	Inconclusive - presence of benzodiazepine(s)	

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475	Flualprazolam	Pill "S 90 3"	mint green, rectangle	Cellulose	Negative	Positive	Presence of more or more benzodiazepine(s)	
300	GHB	Liquid	transparent	GHB in water	Negative	-	GHB and water	
353	GHB	Liquid	transparent	GHB in water	-	-	GHB and water	
425	GHB	Liquid	transparent	GHB in water	Negative	-	GHB and water	
426	GHB	Liquid	transparent	GHB in water	Negative	-	GHB and water	
493	GHB	Liquid	transparent	GHB	Negative	-	GHB	
360	Hash	Paste	brown	-	Negative	-	Inconclusive	
276	Ketamine	Powder	white	Ketamine	Negative	-	Ketamine	
332	Ketamine	Powder	white	Ketamine	Negative	-	Ketamine	
344	Ketamine	Crystals	white	Ketamine	Negative	-	Ketamine	
351	Ketamine	Powder	white	Ketamine	Negative	-	Ketamine	
378	Ketamine	Crystals	white	2F-DCK or another ketamine analog	Negative	-	2F-DCK or another ketamine analog	
384	Ketamine	Powder	white	Cocaine and ketamine	Negative	-	Cocaine and ketamine	
385	Ketamine	Powder	white	Ketamine	Negative	-	Ketamine	
398	Ketamine	Crystals	white	Ketamine	Negative	Negative	Ketamine	
400	Ketamine	Powder	white	Diphenhydramine et tiletamine	Negative	-	Diphenhydramine and tiletamine	Tiletamine is a dissociative analgesic, sometimes used in veterinary medicine, but the dosage and effects in humans has not been well studied.
401	Ketamine	Powder	white	Ketamine	Negative	-	Ketamine	
406	Ketamine	Powder	white	Ketamine	Negative	-	Ketamine	
429	Ketamine	Crystals	large white crystal	2F-DCK	Negative	-	2F-DCK	2-fluoro-deschloroketamine (2F-DCK) is an analog of ketamine. Its reported to have similar effects as ketamine, with more confusion.

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ID	Presumed substance (expected substance)	Sample type	Colour and shape	FT-IR results (See notes 1 and 2)	Fentanyl test strips (Note 3)	Benzo test strips (Note 4)	Apparent composition	Comments
435	Ketamine	Powder	white	Ketamine	Negative	-	Ketamine	
442	Ketamine	Crystals	white	Ketamine and methylparaben	Negative	-	Ketamine and methylparaben	Methylparaben is used as a food conservation agent.
443	Ketamine	Powder	white	Ketamine	Negative	-	Ketamine	
452	Ketamine	Powder	white	Ketamine and dimethyl sulfone	Negative	-	Ketamine and dimethyl sulfone	Dimethyl sulfone is sold as a nutritional supplement but its beneficial properties have not been proven.
468	Ketamine	Crystals	white	2F-DCK and an uncertain match with diphenidine	-	-	2F-DCK and other substance(s)	2-fluoro-deschloroketamine (2F-DCK) is an analog of ketamine. Its reported to have similar effects as ketamine, with more confusion.
513	Ketamine	Crystals	transparent	Ketamine	Negative	-	Ketamine	
516	Ketamine	Crystals	white	Ketamine, dimethyl sulfone, and an unknwn match	Negative	-	Ketamine, dimethyl sulfone, and one or more other substance(s)	Dimethyl sulfone is sold as a nutritional supplement but its beneficial properties have not been proven.
518	Ketamine	Crystals	white	Ketamine	Negative	-	Ketamine	
520	Ketamine	Crystals	white	2F-DCK	-	-	2F-DCK	2-fluoro-deschloroketamine (2F-DCK) is an analog of ketamine. Its reported to have similar effects as ketamine, with more confusion.
296	LSD	Tab		-	-	-	LSD or an analog	Colorimetry indicated the presence of LSD or an LSD analog.
372	LSD	Tab	"LV" brand	-	-	-	LSD or an analog	Colorimetry indicated the presence of LSD or an LSD analog.
456	LSD	Tab	blue on one side	-	-	-	LSD or an analog	Colorimetry indicated the presence of LSD or an LSD analog.
469	LSD	Liquid	transparent	Water	-	-	Inconclusive	This sample was too diluted for our tests.
470	LSD	Tab	green	-	-	-	LSD or an analog	Colorimetry indicated the presence of LSD or an LSD analog.
273	MDMA	Capsule with powder	purple	MDMA	Negative	-	MDMA	
283	MDMA	Crystals	purple	MDMA	Negative	-	MDMA	
284	MDMA	Capsule with powder	jaune	MDMA	Negative	-	MDMA	
285	MDMA	Powder	purple	MDMA	Negative	-	MDMA	
289	MDMA	Crystals	white	MDMA	Negative	-	MDMA	

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290	MDMA	Pebbles (chunks)	purple	MDMA	Negative	-	MDMA	
292	MDMA	Capsule with crystals	brown	MDMA	Negative	-	MDMA	
297	MDMA	Powder	white	MDMA	Negative	-	MDMA	
298	MDMA	Powder	white	MDMA	Negative	-	MDMA	
301	MDMA	Capsule with powder	pale pink	MDMA, creatine, and ketamine	Negative	-	MDMA, a filler (creatine), and ketamine	
304	MDMA	Capsule with crystals	beige	MDMA	Negative	-	MDMA	
307	MDMA	Crystals	brown	MDMA	Negative	-	MDMA	
311	MDMA	Crystals	purple	MDMA	Negative	-	MDMA	
312	MDMA	Capsule with crystals	white	MDA and sucrose	Negative	-	MDA and sugar (sucrose)	
313	MDMA	Powder	purple	Methamphetamine and phenacetin	Negative	-	Methamphetamine and phenacetin	Phenacetin is a pain-killer similar to Tylenol, but is no longer used due to carcinogenic properties.
315	MDMA	Crystals	purple	MDMA	Negative	-	MDMA	
316	MDMA	Capsule with powder	pale orange	Cellulose and MDMA	Negative	-	A filler (cellulose) and MDMA	
317	MDMA	Capsule with crystals	brown	MDMA	Negative	-	MDMA	
318	MDMA	Capsule with crystals	purple	MDMA	Negative	-	MDMA	
319	MDMA	Capsule with crystals	purple	MDMA	Negative	-	MDMA	
320	MDMA	Crystals	pale orange	MDMA	Negative	-	MDMA	
321	MDMA	Pill "ICE"	white, rectangle	Calcium carbonate, sodium bicarbonate, and cellulose	Negative	-	Some fillers (calcium carbonate, baking soda, cellulose) and methamphetamine	Colorimetry indicated the presence of methamphetamine and possibly other substances.
322	MDMA	Capsule with crystals	brown	MDMA	Negative	-	MDMA	
323	MDMA	Capsule with crystals	beige	MDMA and an uncertain match	Negative	-	MDMA and other substance(s)	

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ID	Presumed substance (expected substance)	Sample type	Colour and shape	FT-IR results (See notes 1 and 2)	Fentanyl test strips (Note 3)	Benzo test strips (Note 4)	Apparent composition	Comments
324	MDMA	Crystals	beige	MDMA	Negative	-	MDMA	
325	MDMA	Capsule with crystals	purple	MDA, MDMA, and an uncertain match	Negative	-	MDA, MDMA, and other substance(s)	
329	MDMA	Capsule with crystals	brown	MDMA	Negative	-	MDMA	
330	MDMA	Capsule with powder	white	MDA	Negative	-	MDA	
333	MDMA	Capsule with crystals	brown	MDMA	Negative	-	MDMA	
336	MDMA	Capsule with crystals	beige	MDMA	Negative	-	MDMA	
338	MDMA	Capsule with crystals	pale pink	MDMA	Negative	-	MDMA	
340	MDMA	Capsule with crystals	pale purple	MDMA and mannitol	Negative	-	MDMA and sugar (mannitol)	
343	MDMA	Capsule with powder	white	MDA and an uncertain match	Negative	-	MDA and other substance(s)	
345	MDMA	Capsule with crystals	pale purple	MDMA	Negative	-	MDMA	
352	MDMA	Capsule with crystals	pale pink	MDMA	Negative	-	MDMA	
370	MDMA	Powder	brown	MDMA	Negative	-	MDMA	
375	MDMA	Capsule with crystals	white	MDA	Negative	-	MDA	
376	MDMA	Capsule with crystals	grey and white	MDMA	Negative	-	MDMA	
377	MDMA	Crystals	beige	MDMA	Negative	-	MDMA	
383	MDMA			MDA and safrole	Negative	-	MDA and safrole	Safrole is a precursor in the synthesis of MDMA/MDA. It is possibly carcinogenic.
386	MDMA	Powder	white	MDMA and cellulose	Negative	-	MDMA and a filler (cellulose)	
387	MDMA	Powder	pale purple	MDMA	Negative	-	MDMA	

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388	MDMA	Powder	white	MDA	Negative	-	MDA	
389	MDMA	Crystals	purple	MDMA	Negative	-	MDMA	
390	MDMA	Powder	brown	MDMA	Negative	-	MDMA	
392	MDMA	Powder	white and purple	MDMA and dimethyl sulfone	Negative	-	MDMA and dimethyl sulfone	Dimethyl sulfone is sold as a nutritional supplement but its beneficial properties have not been proven.
395	MDMA	Powder	beige	MDMA	Negative	-	MDMA	
402	MDMA	Powder	white	MDA	Negative	-	MDA	
403	MDMA	Pill	blue, diamond	Cellulose, MDA, and caffeine	Negative	-	A filler (cellulose), MDA, and caffeine	
407	MDMA	Capsule with powder	pale purple	MDMA, mannitol, and dimethyl sulfone	Negative	-	MDMA, sugar (mannitol), and dimethyl sulfone	Dimethyl sulfone is sold as a nutritional supplement but its beneficial properties have not been proven.
409	MDMA	Capsule with crystals	transparent	MDA	Negative	-	MDA	
415	MDMA	Capsule with powder and crystals	pale purple powder with white crystals	MDMA	Negative	-	MDMA	
416	MDMA	Pill "Playboy"	pale pink, shape of bunny	MDMA and calcium carbonate	Negative	-	MDMA and a filler (calcium carbonate)	
422	MDMA	Capsule with crystals	pale purple	MDMA	-	-	MDMA	
424	MDMA	Pill "bomb"	pale blue, shape of a heart	MDMA and calcium carbonate	Negative	-	MDMA and a filler (calcium carbonate)	
432	MDMA	Capsule with crystals	transparent	MDA	Negative	-	MDA	
444	MDMA	Powder	white	MDMA	Negative	-	MDMA	
448	MDMA	Crystals	dark purple	MDMA	Negative	-	MDMA	
449	MDMA	Crystals	white	MDA	Negative	-	MDA	
450	MDMA	Pill "bomb"	pale blue, shape of a heart	MDMA and calcium carbonate	Negative	-	MDMA and a filler (calcium carbonate)	
453	MDMA	Powder	beige	MDMA	Negative	-	MDMA	
459	MDMA	Crystals	pale purple	MDMA	Negative	-	MDMA	

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ID	Presumed substance (expected substance)	Sample type	Colour and shape	FT-IR results (See notes 1 and 2)	Fentanyl test strips (Note 3)	Benzo test strips (Note 4)	Apparent composition	Comments
461	MDMA	Capsule with powder	white	MDMA and sucrose	Negative	-	MDMA and sugar (sucrose)	
478	MDMA	Powder	pink	MDMA	Negative	-	MDMA	
502	MDMA	Capsule with powder and crystals	pink	MDMA and mannitol	Negative	-	MDMA and sugar (mannitol)	
503	MDMA	Capsule with powder and crystals	beige	MDMA and mannitol	Negative	-	MDMA and sugar (mannitol)	
331	MDMA (methamphetamine)	Capsule with powder	white	MDA	Negative	-	MDA	
445	MDMA (methamphetamine)	Crystals	brown	MDMA	Negative	-	MDMA	
471	Mescaline	Organic material	capsule with brown material	Uncertain match	-	-	Inconclusive	
382	Ritalin (methylphenidate)	Pill "110" and "MP/10"	pale blue, round	Lactose	Negative	-	Inconclusive	
433	Speed	Pill "ICE"	white, rectangle	Cellulose, calcium carbonate, and methamphetamine	Negative	-	Some fillers (cellulose, calcium carbonate) and methamphetamine	
483	Speed	Pill "STAR"	white, rectangle	Calcium carbonate, cellulose, and an uncertain match with methamphetamine	Negative	-	Some fillers (cellulose, calcium carbonate) and methamphetamine	Colorimetry confirmed the presence of methamphetamine.
361	Speed (amphetamine)	Pill "Tinder"	white, rectangle	Caffeine, cellulose, methamphetamine, and sucrose	-	-	Caffeine, a filler (cellulose), methamphetamine, and sugar (sucrose)	
511	Speed (amphetamine)	Pill "ICE"	white, rectangle	Cellulose, methamphetamine, caffeine, and an uncertain match	-	-	A filler (cellulose), methamphetamine, caffeine and one or more other substance(s)	
274	Speed (methamphetamine)	Pill "Tik Tok"	white, rectangle	-	-	-	Inconclusive, presence of methamphetamine	Colorimetry indicated the presence of methamphetamine.
275	Speed (methamphetamine)	Pill "ICE"	white, rectangle	-	-	-	Inconclusive, presence of methamphetamine	Colorimetry indicated the presence of methamphetamine.
291	Speed (methamphetamine)	Pill "ICE"	white with orange marks,	Cellulose, caffeine, and methamphetamine	Negative	-	A filler (cellulose), caffeine and methamphetamine	
334	Speed (methamphetamine)	Pill "ICE"	white, rectangle	Cellulose and methamphetamine	Negative	-	A filler (cellulose) and methamphetamine	
335	Speed (methamphetamine)	Pill "ICE"	white with brown marks, rectangle	Cellulose and glucose	Negative	-	Inconclusive	

					Test strip results			
ID	Presumed substance (expected substance)	Sample type	Colour and shape	FT-IR results (See notes 1 and 2)	Fentanyl test strips (Note 3)	Benzo test strips (Note 4)	Apparent composition	Comments
369	Speed (methamphetamine)	Pill "ICE"	white, rectangle	Caffeine, methamphetamine, and cellulose	Negative	-	Caffeine, methamphetamine, and a filler (cellulose)	
381	Speed (methamphetamine)	Pill "ICE"	white, rectangle	Caffeine, methamphetamine, and cellulose	Negative	-	Caffeine, methamphetamine, and a filler (cellulose)	
404	Speed (methamphetamine)	Pill "ICE"	white with black marks, rectangle	Caffeine, methamphetamine, and cellulose	Negative	-	Caffeine, methamphetamine, and a filler (cellulose)	
423	Speed (methamphetamine)	Pill "UFC"	white, rectangle	Methamphetamine, caffeine, and cellulose	Negative	-	Methamphetamine, caffeine, and a filler (cellulose)	
465	Speed (methamphetamine)	Pill "ICE"	white, rectangular	Caffeine, methamphetamine, and cellulose	Negative	-	Caffeine, methamphetamine, and a filler (cellulose)	
490	Speed (methamphetamine)	Pill "Superman"	white, diamond	Caffeine, methamphetamine, cellulose, and an uncertain match	Negative	-	Caffeine, methamphetamine, cellulose, and one or more other substance(s)	
508	Speed (methamphetamine)	Pill "ICE"	white, rectangle	Cellulose, caffeine, and methamphetamine	Negative	-	A filler (cellulose), caffeine, and methamphetamine	
411	Steroid (Oxandrolone)	Pill	white, round, line for dividing	Cellulose, oxandrolone, and an additive (emulsifying agent)	Negative	-	Cellulose, oxandrolone and an additive	
412	Steroid (Oxandrolone)	Pill	white, round, line for dividing	Cellulose and calcium stearate	Negative	-	Inconclusive	
413	Steroid (Oxandrolone)	Pill	white, round, no marks	Cellulose	Negative	-	Inconclusive	
414	Steroid (Oxandrolone)	Pill	white, round, line for dividing	Cellulose	Negative	-	Inconclusive	Laboratory tests identified stanzolol in this sample, and not oxandrolone.
279	Unknown	Crystals	grey	MDMA and dimethyl sulfone	Negative	-	MDMA and dimethyl sulfone	Dimethyl sulfone is sold as a nutritional supplement but its beneficial properties have not been proven.
280	Unknown	Crystals	purple	MDMA	Negative	-	MDMA	
281	Unknown	Crystals	purple	MDMA	Negative	-	MDMA	
282	Unknown	Powder	white	Cocaine	Negative	-	Cocaine	
286	Unknown	Capsule with powder	brown	MDA	Negative	-	MDA	
287	Unknown	Capsule with powder	white	MDA	Negative	-	MDA	
288	Unknown	Powder	white	Ketamine	Negative	-	Ketamine	

					Test strip results			
ID	Presumed substance (expected substance)	Sample type	Colour and shape	FT-IR results (See notes 1 and 2)	Fentanyl test strips (Note 3)	Benzo test strips (Note 4)	Apparent composition	Comments
294	Unknown	Capsule with crystals	black	MDMA	Negative	-	MDMA	
303	Unknown	Powder	white	Cocaine	Negative	-	Cocaine	
308	Unknown	Capsule with crystals	transparent	MDMA	Negative	-	MDMA	
327	Unknown	Capsule with powder	white	MDA	Negative	-	MDA	
342	Unknown	Capsule with beads	yellow	Cellulose	-	-	Inconclusive	
349	Unknown	Crystals	white	Sucrose	Negative	-	Sugar (sucrose)	
350	Unknown	Crystals	white	Sucrose	Negative	-	Sugar (sucrose)	
354	Unknown	Gel cap	orange liquid, odour of cannabis	Uncertain oil	-	-	Inconclusive	
356	Unknown	Pill "Snapchat"	white, round	Cellulose, caffeine, and an uncertain match	Negative	-	Cellulose, caffeine, and methamphetamine	Colorimetry indicated the presence of methamphetamine. More advanced laboratory testing revealed that this sample also contained
358	Unknown	Crystals	white	Cocaine freebase	Negative	-	Cocaine freebase	
365	Unknown	Capsule with powder	purple	MDMA	Negative	-	MDMA	
366	Unknown	Crystals	dark brown	MDMA	Negative	-	MDMA	
367	Unknown	Capsule with powder	white	MDMA	Negative	-	MDMA	
368	Unknown	Capsule with powder	white	MDMA	Negative	-	MDMA	
374	Unknown	Liquid	transparent	Uncertain match	Negative	-	Inconclusive	The GHB test was negative (maybe because it was too diluted).
379	Unknown	Powder	white	Cocaine and an uncertain match	Negative	-	Cocaine and other substance(s)	
393	Unknown	Pill	orange	Mitragynine and cellulose	Negative	Negative	Mitragynine and cellulose	Mitragynine is a substance found in Kratom, a psychoactive plant.
421	Unknown	Powder	white	Cocaine and caffeine	Negative	-	Cocaine and caffeine	
428	Unknown	Pebbles (chunks)	white	Cocaine freebase	Negative	-	Cocaine freebase	
446	Unknown	Powder	white	Cellulose and calcium stearate	Negative	Negative	Inconclusive	

					Test strip results			
ID	Presumed substance (expected substance)	Sample type	Colour and shape	FT-IR results (See notes 1 and 2)	Fentanyl test strips (Note 3)	Benzo test strips (Note 4)	Apparent composition	Comments
472	Unknown	Powder	white	Ketamine	Negative	Negative	Ketamine	
481	Unknown	Pill "C2"	pink, round	Lactose	Negative	Negative	Inconclusive	
489	Unknown	Paste	white paste on plastic film	Sucrose	Negative	Negative	Sugar (sucrose)	
505	Unknown	Powder	brown and white	Sucrose	Negative	-	Sugar (sucrose)	This sample might be a drink powder.
507	Unknown	Capsule with powder and crystals	white	Cellulose and D-leucine	Negative	-	Cellulose and D-leucine	Leucine is an amino acid sold as a nutritional supplement, but its benefits have not been proven.
295	Unknown (cocaine)	Powder	white	Cocaine	Negative	-	Cocaine	
430	Unknown (Tadalafil)	Pill	pale yellow, teardrop shape	Lactose	Negative	-	Inconclusive	Cannot confirm the presence of Tadalafil.
431	Xanax (Alprazolam)	Pill "XANAX"	white, rectangle	Cellulose and lactose	Negative	Positive	Some fillers (cellulose, lactose) and one or more benzodiazepine(s)	
514	Xanax (Alprazolam)	Pill "XANAX"	white, rectangle	Cellulose	Negative	Positive	A filler (cellulose) and one or more benzodiazepines	

Number of visitors in August	172 (59 without drug checking)
Number of samples in August	176
Number of visitors in September	32 (5 without drug checking)
Number of samples in September	39
Number of visitors in October	36 (10 without drug checking)
Number of samples in October	37

NOTES

1 The FT-IR matches are presented in the order that they are found. This does not translate to the % composition or the purity of the sample.

2 The FT-IR cannot detect substances that are present at a concentration of less than 5%. In addition, it cannot detect substances that are not in our database, which may include newly synthesized substances.

3 The detection limit of the fentanyl test strips is 20 ng/mL. These test strips can only detect fentanyl, and if the sample is not well mixed, a false negative result might be obtained.

4 The detection limit of the benzodiazepine test strips is 300 ng/mL. These test strips cannot detect all benzodiazepines.