

of Samples Tested by Expected Drug Category:

233 Samples Tested

Opioid: 128 / Stimulant: 45 / Psychedelic: 34 / Unknown: 20 / Depressant: 5 / Other: 0 / Polysubstance: 1



Common Components, Cuts and Buffs

UP

SIDE

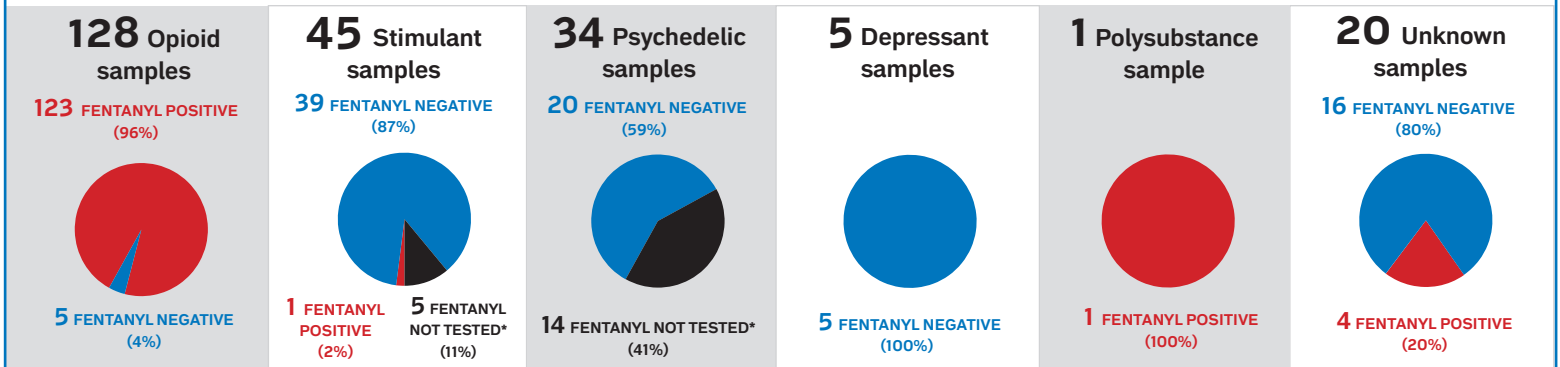
DOWN

- Phenacetin (Superbuff)
- Cocaine
- Caffeine
- Glutamine
- Levamisole
- Creatine

- Methamphetamine
- Dimethyl Sulphone

- Fentanyl
- Caffeine
- Sweeteners
- Vitamin C
- Heroin
- Dimethyl sulfone
- Lactose

of samples tested for fentanyl



Public Health Notifications

Date & Location	Expected Drug	Drugs Detected	Fentanyl Strip	Benzo Strip	What does this mean?
29 April 2020- OPS, Vancouver	Down (fentanyl)	Caffeine, mannitol (sweetener)	Positive	Positive	Check for benzos in your drugs at any OPS/SCS
28 April 2020- Get Your Drugs Tested, Vancouver	Down (fentanyl)	Caffeine, mannitol (sweetener)	Positive	Positive	Benzos can cause prolonged ODs
23 April, 2020- OPS, Vancouver	Down	Caffeine, erythritol (sweetener), sucrose (sugar), fentanyl or analog, possible carfentanil	Positive	Positive	Carfentanil is an extremely strong opioid; start slowly and don't use alone!
22 April 2020- OPS, Vancouver	Down	Caffeine, erythritol (sweetener), acorbic acid	Positive	Positive	Combining benzos and opioids can worsen OD symptoms
22 April 2020- OPS, Vancouver	Down	Caffeine, erythritol (sweetener), sucrose (sugar), fentanyl or analog	Positive	Positive	Benzo OD symptoms may continue after Naloxone is given

18.1% of expected opioid samples tested positive for benzodiazepines in the Vancouver Coastal Health Region region

To receive drug contamination alerts, text "alert" to (236) 999-DOPE (3673)

This report summarizes key indicators for Fourier Transform Infrared (FTIR)/fentanyl test strip combination drug checking done in Vancouver Coastal Health in April 2020.

As there is 5% fentanyl detection limit on the Bruker ALPHA Fourier-Transform Infrared (FTIR) spectrometer (McCrae, 2019), a drug check on any given sample consists of both the FTIR and BTNX fentanyl immunoassay test strip testing done in combination. When applicable, BTNX benzodiazepine or lysergic acid diethylamide (LSD) immunoassay test strips are also used.

Benzodiazepine-positivity of opioid samples are determined using BTNX benzodiazepine test strips, which have not been formally evaluated for drug checking. Therefore, the results presented above are presumptive and tentative until confirmed by a laboratory.

* "Fentanyl not tested" means that a fentanyl test strip wasn't done for the sample because the client declined to do the test, or they left before the test was able to be completed.

of drugs checks and hours at each respective site:

Location	# of Drug Checks	Hours
Overdose Prevention Society OPS	90	27
Get Your Drugs Tested	143	104
Total	233	131

of samples that matched client expectation

**using FTIR/test strip drug checking*

EXPECTED DRUG:
Depressant

5 Samples Tested



Matched: 3
Did not match: 2

EXPECTED DRUG:
Psychedelic

34 Samples Tested



Matched: 31
Did not match: 3

EXPECTED DRUG:
Stimulant

45 Samples Tested



Matched: 43
Did not match: 2

EXPECTED DRUG:
Unknown

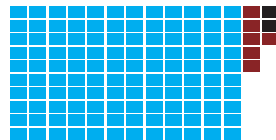
20 Samples Tested



Match not determined: 20

EXPECTED DRUG:
Opioid

128 Samples Tested



Matched: 120
Did not match: 6
Match not determined: 2

EXPECTED DRUG:
Polysubstance

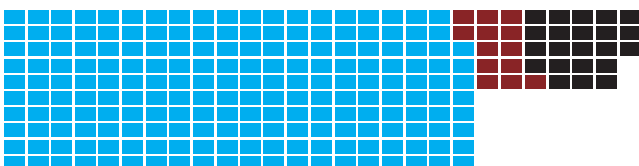
1 Sample Tested



Matched: 1

Total

233 Samples Tested



Matched: 198
Did not match: 13
Match not determined: 22

of opioid samples that matched client expectation

**using FTIR/test strip drug checking*

EXPECTED DRUG:

Heroin

3 Samples Tested



Match not determined: 3

EXPECTED DRUG:

Down

77 Samples Tested



Matched: 75
Did not match: 2

EXPECTED DRUG:

Pharmaceutical

2 Samples Tested



Match not determined: 2

EXPECTED DRUG:

Fentanyl

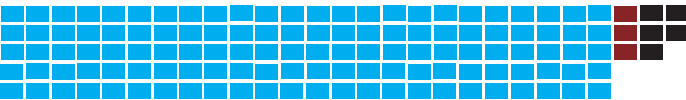
46 Samples Tested



Matched: 45
Did not match: 1

Total

128 Samples Tested



Matched: 120
Did not match: 3
Match not determined: 5

Please note that the presence of the expected substance does not imply purity, as samples frequently contain adulterating cutting agents
**'Down' can refer to any opioid drug present in any amount

Depressant may include:
benzodiazepines,
GHB, zopiclone

Opioid may include:
"down," heroin, fentanyl,
fentanyl analogues,
pharmaceutical opioids

Polysubstance includes:
cross-category mixtures

Psychedelic may include:
2C-family, tryptamines,
ketamine, MDMA,
LSD, cannabis

Stimulant may include:
"speed", crystal meth,
cocaine, cathinones

Unknown includes:
all samples in which the
client could not identify the
expected substance

BCCSU and VCH gratefully acknowledge the contributions of the following partners:

Portland Hotel Society | Insite | Molson Overdose Prevention Site | SisterSpace | Overdose Prevention Society
St. Paul's Overdose Prevention Site | Powell Street Getaway | Three Bridges

