

of Samples Tested by Expected Drug Category:

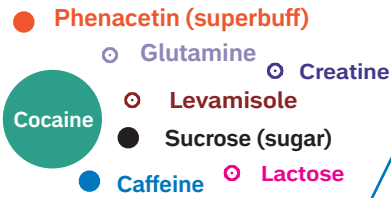
272 Samples Tested

Opioid: 150 / Stimulant: 52 / Psychedelic: 41 / Unknown: 23 / Depressant: 5 / Other: 0 / Polysubstance: 1



Common Components, Cuts and Buffs

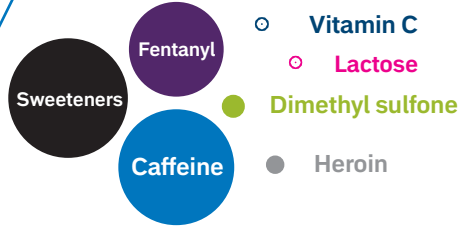
UP



SIDE



DOWN



of samples tested for fentanyl

150 Opioid samples

145 FENTANYL POSITIVE (97%)



5 FENTANYL NEGATIVE (3%)

52 Stimulant samples

45 FENTANYL NEGATIVE (87%)



2 FENTANYL POSITIVE (4%)
5 FENTANYL NOT TESTED* (9%)

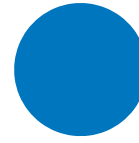
41 Psychedelic samples

27 FENTANYL NEGATIVE (66%)



14 FENTANYL NOT TESTED* (34%)

5 Depressant samples



5 FENTANYL NEGATIVE (100%)

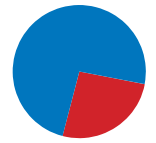
1 Polysubstance sample



1 FENTANYL POSITIVE (100%)

23 Unknown samples

17 FENTANYL NEGATIVE (74%)



6 FENTANYL POSITIVE (26%)

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

To receive drug contamination alerts in the VCH region, 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 British Columbia 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.

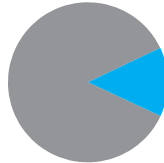
April
2020

Drug Checking in British Columbia

Total #: 272

of Samples Tested by Region:

233: Vancouver Coastal
Health region (86%)



39: Interior Health region (14%)

Note: There were no drug checks in the Fraser Health region in April 2020

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

41 Samples Tested



Matched: 36
Did not match: 5

EXPECTED DRUG:

Stimulant

52 Samples Tested



Matched: 50
Did not match: 2

EXPECTED DRUG:

Polysubstance

1 Sample Tested



Matched: 1

EXPECTED DRUG:

Unknown

23 Samples Tested



Match not determined: 23

EXPECTED DRUG:

Opioid

150 Samples Tested



Matched: 140
Did not match: 8
Match not determined: 2

Total

272 Samples Tested



Matched: 230
Did not match: 17
Match not determined: 25

Please note that the presence of the expected substance does not imply purity, as samples frequently contain adulterating cutting agents

of opioid samples that matched client expectation

**using FTIR/test strip drug checking*

EXPECTED DRUG:

Down

77 Samples Tested



Matched: 75
Did not match: 2

EXPECTED DRUG:

Heroin

5 Samples Tested



Did not match: 2
Match not determined: 3

EXPECTED DRUG:

Pharmaceutical

2 Samples Tested

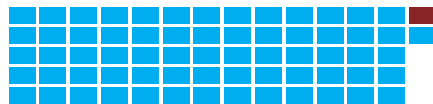


Match not determined: 2

EXPECTED DRUG:

Fentanyl

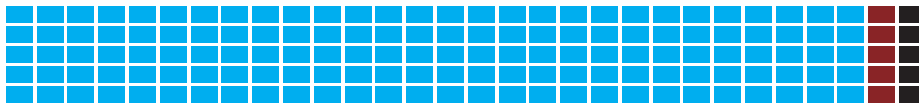
66 Samples Tested



Matched: 65
Did not match: 1

Total

150 Samples Tested



Matched: 140
Did not match: 5
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 gratefully acknowledges the contributions of the following partners:

Portland Hotel Society | Insite | Molson Overdose Prevention Site | SisterSpace | Overdose Prevention Society | SafePoint
The Abbotsford Community Hub | ANKORS | ASK Wellness | St. Paul's Overdose Prevention Site | Powell Street Getaway | Three Bridges

