

## # of Samples Tested by Expected Drug Category:

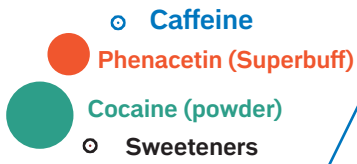
233 Samples Tested

Opioid: 151 / Stimulant: 45 / Psychedelic: 22 / Unknown: 8 / Depressant: 7 / Other: 0 / Polysubstance: 0

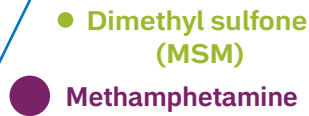


## Common Components, Cuts and Buffs

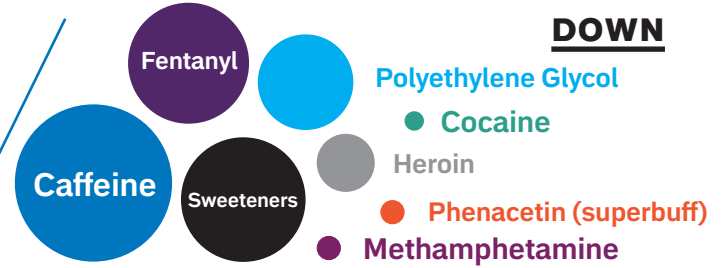
### UP



### SIDE



### DOWN



## # of samples tested for fentanyl

151 Opioid samples

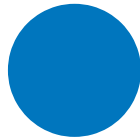
135 FENTANYL POSITIVE (89%)



16 FENTANYL NEGATIVE (11%)

22 Psychedelic samples

22 FENTANYL NEGATIVE (100%)



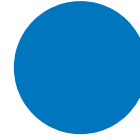
45 Stimulant samples

45 FENTANYL NEGATIVE (100%)



7 Depressant samples

7 FENTANYL NEGATIVE (100%)



8 Unknown samples

8 FENTANYL NEGATIVE (100%)



## Public Health Notifications

| Date & Location      | Expected Drug | Drugs Detected                     | Fentanyl Strip | What does this mean?  |
|----------------------|---------------|------------------------------------|----------------|---|
| 3 October 2019- MOPS | Fentanyl      | Suspected Etizolam and Carfentanil | Positive       | Benzo OD's can recur after Naloxone; Check your drugs at any OPS or SCS |

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

This report summarizes key indicators for Fourier Transform Infrared (FT-IR)/fentanyl test strip combination drug checking done in Vancouver Coastal Health in October 2019.

As the FT-IR spectrometer has a detection limit of 3-4% by weight (Sherman et al., 2018), unless otherwise stated, a drug check on any given sample consists of **both** Bruker ALPHA Fourier-Transform Infrared (FTIR) spectrometer **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.

Please note that these data are not finalized and are subject to change.

\* "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     |
|--------------|------------------|-----------|
| Insite       | 128              | 28        |
| Molson OPS   | 100              | 28        |
| SisterSpace  | 5                | 3         |
| <b>Total</b> | <b>233</b>       | <b>59</b> |

## # of samples that matched client expectation

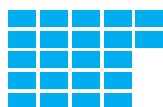
*\*using FTIR/test strip drug checking*

EXPECTED DRUG:  
**Depressant**  
*7 Samples Tested*



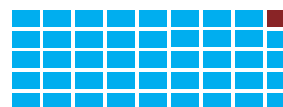
Matched: 1  
Did not match: 6

EXPECTED DRUG:  
**Psychedelic**  
*22 Samples Tested*



Matched: 22

EXPECTED DRUG:  
**Stimulant**  
*45 Samples Tested*



Matched: 44  
Did not match: 1

EXPECTED DRUG:  
**Unknown**  
*8 Samples Tested*



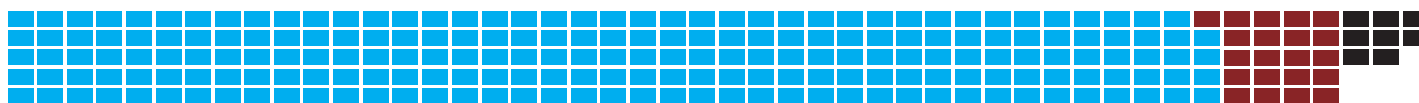
Match not determined: 8

EXPECTED DRUG:  
**Opioid**  
*151 Samples Tested*



Matched: 137  
Did not match: 14

**Total**  
*233 Samples Tested*



Matched: 204  
Did not match: 21  
Match not determined: 8

## # of opioid samples that matched client expectation

*\*using FTIR/test strip drug checking*

EXPECTED DRUG:

**Fentanyl Analogue**

5 Sample Tested



Matched: 3

Did not match: 2

EXPECTED DRUG:

**Down**

54 Samples Tested



Matched: 50

Did not match: 4

EXPECTED DRUG:

**Heroin**

14 Samples Tested



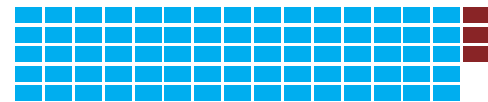
Matched: 9

Did not match: 5

EXPECTED DRUG:

**Fentanyl**

78 Samples Tested

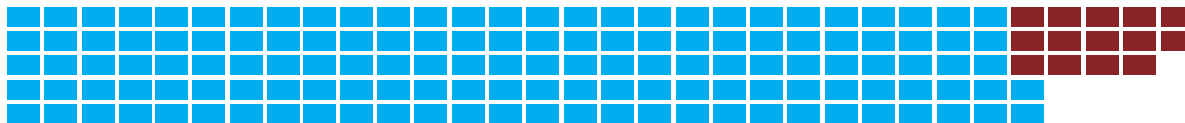


Matched: 75

Did not match: 3

### Total

151 Samples Tested



Matched: 137

Did not match: 14

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