

1-31 May
2019

Drug Checking in Fraser Health

of Samples Tested by Expected Drug Category:

84 Samples Tested

Opioid: 55 / Stimulant: 11 / Psychedelic: 0 / Unknown: 14 / Depressant: 2 / Other: 1 / Polysubstance: 1



Common Components, Cuts and Buffs

UP

- Phenacetin (Superbuff)
 - Glutamine
 - Caffeine
- Cocaine Base (Crack Cocaine)

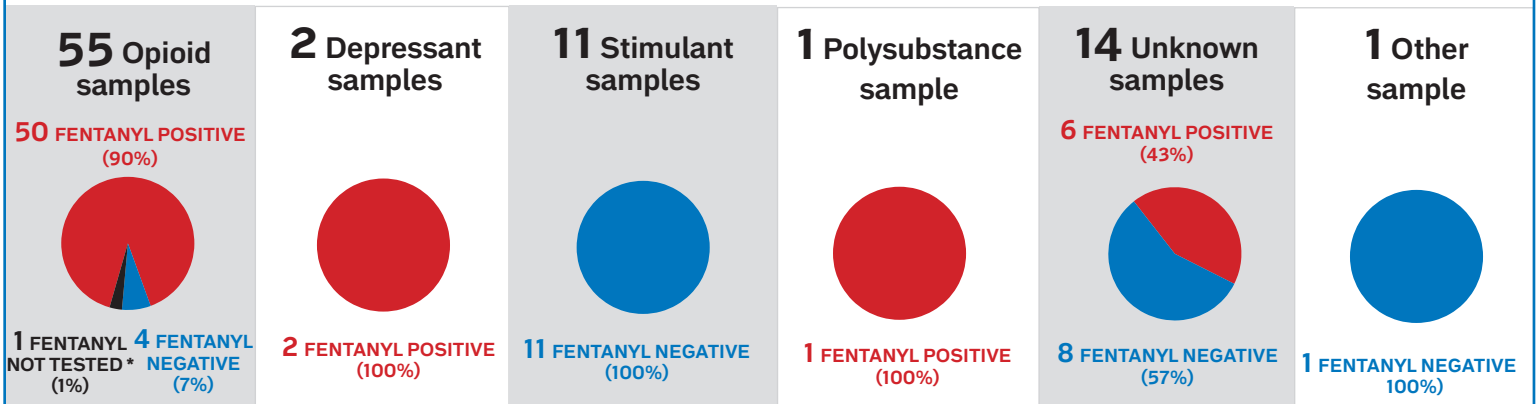
SIDE

- Dimethyl Sulfone (MSM)

DOWN

- Caffeine
- Polyethylene Glycol
- Fentanyl
- Sweeteners
- Methamphetamine HCL

of samples tested for fentanyl



Public health notifications

Date & Location	Expected Drug	FT-IR Drugs Detected	Fentanyl Strip	What does this mean?
No alerts from Fraser Health this month				

For information about current substances in the area contact: overdose@fraserhealth.ca.

This report summarizes key indicators for Fourier Transform Infrared (FT-IR)/fentanyl test strip combination drug checking done in Fraser Health in May 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
SafePoint (Surrey)	19	8
The Hub (Abbotford)	65	30
Total	84	38

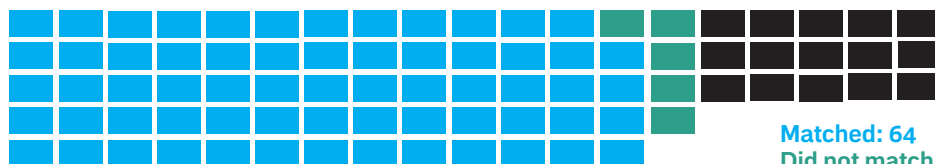
of samples that matched client expectation

**using FTIR/test strip drug checking*

<p>EXPECTED DRUG: Depressant 2 Samples Tested</p>  <p>Did no match: 2</p>	<p>EXPECTED DRUG: Stimulant 11 Samples Tested</p>  <p>Matched: 11</p>	<p>EXPECTED DRUG: Polysubstance 1 Samples Tested</p>  <p>Matched: 1</p>	<p>EXPECTED DRUG: Other 1 Sample Tested</p>  <p>Did no match: 1</p>
<p>EXPECTED DRUG: Unknown 14 Samples Tested</p>  <p>Match not determined: 14</p>	<p>EXPECTED DRUG: Opioid 55 Samples Tested</p>  <p>Matched: 52 Did not match: 3</p>		

Total





84 Samples Tested



Matched: 64
Did not match: 5
Match not determined: 15

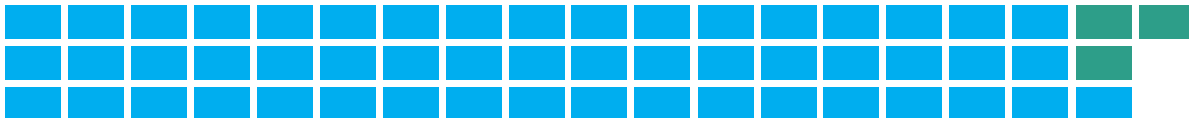
of opioid samples that matched client expectation

**using FTIR/test strip drug checking*

<p>EXPECTED DRUG: Fentanyl & Heroin 2 Samples Tested</p>  <p>Matched: 2</p>	<p>EXPECTED DRUG: Down 7 Samples Tested</p>  <p>Matched: 7</p>
<p>EXPECTED DRUG: Heroin 6 Samples Tested</p>  <p>Matched: 5 Did not match: 1</p>	<p>EXPECTED DRUG: Fentanyl 40 Samples Tested</p>  <p>Matched: 38 Did not match: 2</p>

Total

55 Samples Tested



Matched: 52
Did not match: 3

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 acknowledge the contributions of the following partners:

SafePoint | The Abbotsford Community Hub Centre

