



Validating Drug Checking Technology for Benzo Detection

WHAT DID WE DO?

We looked at how accurate community drug checking technologies were at finding benzodiazepines in the unregulated drug supply.

WHAT WE USED:



**BENZODIAZEPINE
TEST STRIPS**



**FOURIER TRANSFORM
INFRARED
SPECTROSCOPY (FTIR)**



LAB CONFIRMATORY TESTING

WHAT WE FOUND:



The test strips could consistently detect most benzodiazepines, but not the FTIR, especially at lower concentrations.



Using the FTIR and test strips **together** was the most effective at detecting benzodiazepines.

WHY DOES THIS MATTER?

It's important to understand how the two drug checking technologies can complement each other in a community setting to detect what substances are in people's drugs and help people make informed decisions about their health.

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