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Title: Determining the effective dose of street-level heroin: a new way to consider fluctuations in heroin purity, mass and potential contribution to overdose

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Manuscript Title

Determining the effective dose of street-level heroin: a new way to consider fluctuations in heroin purity, mass and potential contribution to overdose

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Highlights

- Street-level heroin fluctuates in both purity and mass.
- The effective dose is a more appropriate measure than purity alone.
- 6% of samples contain >2 times the dose of heroin that may be expected by users.
- The impact of variation in street-level heroin to overdose should be reexamined.

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