LIGHTLY

Portable device for the analysis of counterfeit medicines.

A portable “Catcher” device that helps police units detect counterfeit drugs and link cases to each other, right at the point of need. The Catcher, together with Fenty disposable cartridges, quickly detects the chemical structures of drugs and automatically sends the results to our software integrated into a global database. The device works on the principle of the so-called “UV-Fingerprint” method, which allows us to create a chemical “fingerprint” or “signature” of the liquid. This allows us to compare liquid fingerprints and identify identical formulas leading to the producer. This further allows us to easily detect counterfeit drugs, individually identify drug shipments and link cases to each other through an app we are developing, on the spot (results within 10 minutes).

Unique selling points:

- Portable for field use with immediate results.
- Very easy to use.
- Worldwide database linked to the app.

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www.lightly.cz

Product

Analytical equipment linked to a global database

Technology readiness

Development

Proof of concept

▶ Prototype

First implementation

Extensive implementation