

Drugs of Abuse Quantitation

Mass spectrometry

TSQ Certis triple quadrupole mass spectrometer

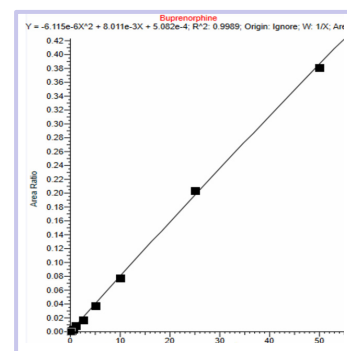
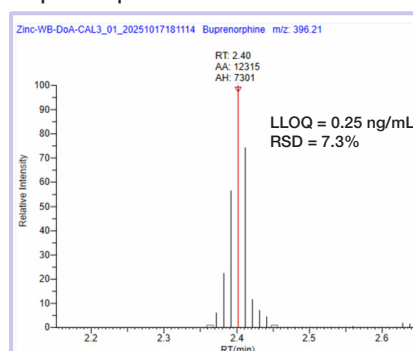
Beyond the box. Beyond the bottleneck.

High-throughput drug-of-abuse quantitation

The Thermo Scientific™ TSQ Certis™ Triple Quadrupole Mass Spectrometer (MS) delivers the speed and efficiency required for high-throughput drug-of-abuse quantitation in whole blood. With an improved acquisition rate of 900 SRMs per second and polarity switching faster than 5 milliseconds, the system enables the single-injection analysis of up to 80 analytes in both positive and negative ion modes. Laboratories can effortlessly process over 315 samples per day, maintaining accuracy, reproducibility, and compliance-ready results—helping streamline routine toxicology workflows without compromising performance.

Quantitative performance

Buprenorphine in blood

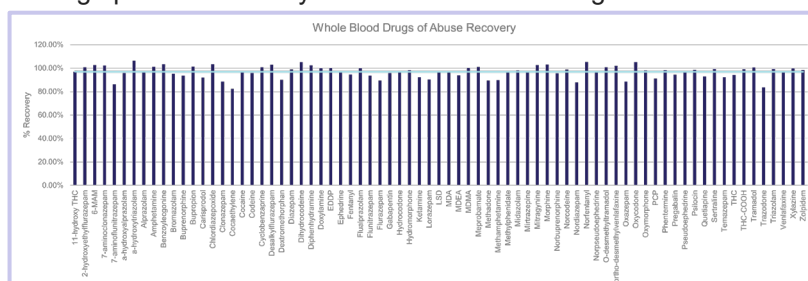


Purpose-built for reliability and performance

The TSQ Certis MS is equipped with next-generation hardware for exceptional robustness and sensitivity, and advanced software for compliance-ready operation. It empowers biopharmaceutical, clinical research, toxicology, environmental, and food safety labs to achieve higher uptime and superior analytical results.

Recovery

Average percent recovery across the board of drugs was 96.9%



Revolutionize your drugs of abuse workflow



Learn more at thermofisher.com/TSQCertis

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