

Expanded Qualitative Synthetic Cannabinoids (K2, SPICE)

Test # 19216

Synonyms K2, Spice, JWH-018, JWH-073, JWH-250, JWH-122, JWH-398, JWH-200, RCS-4, AM-2201, MAM-2201, UR-144, XLR-11

Specimen Requirements

Specimen Aliquot of random or spot urine collection

Volume 10 mL
1.0 mL minimum volume

Handling Refrigerate; specimen may also be frozen

Assay Parameters

Methodology Liquid Chromatography with Tandem Mass Spectrometry (LC-MS/MS)

Test 19216 now detects the use of the newer synthetic cannabinoids products containing **MAM-2201**, **UR-144**, and **XLR-11** while also continuing to detect the use of older synthetic cannabinoids **JWH-250**, **JWH-122**, **JWH-398**, **JWH-200**, **RCS-4**, **AM-2201**, **JWH-018** and **JWH-073** by monitoring for urinary metabolites of each compound.

The test utilizes an LC-MS/MS screening procedure; presumptive positive samples are then confirmed utilizing state of the art high performance liquid chromatography coupled with linear ion trap tandem mass spectrometry. Confirmation testing performed following the initial screen results will incur additional charges.