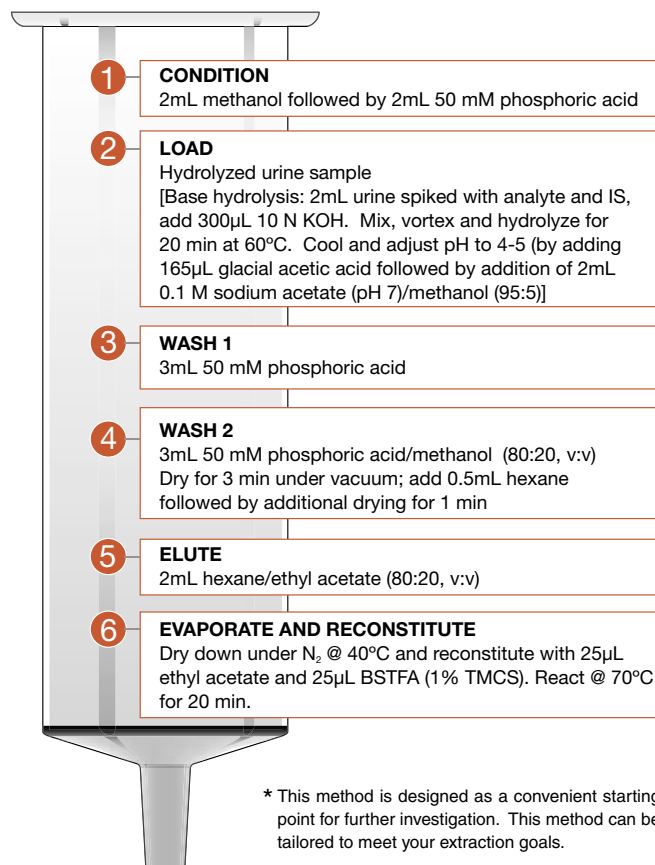


11- Nor-9-carboxy- δ^9 -tetrahydrocannabinol (THC-COOH) Extracted from Urine using Strata™ Screen-C

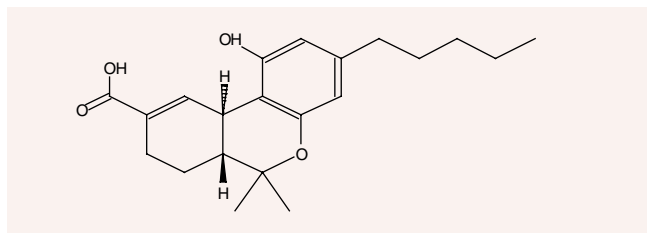
Strata Method* Strata Screen-C 150mg/6mL



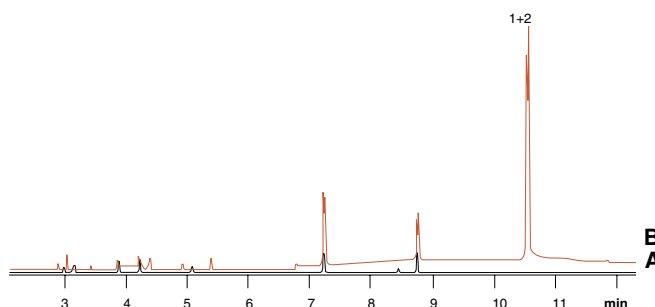
Ordering Information

Order Number	Description
8B-S016-EAK-TN	Screen-C 100mg/1mL Tubes (100/Box)
8B-S016-EBJ-TN	Screen-C 100mg/3mL Tubes (50/Box)
8B-S016-SBJ-TN	Screen-C 150mg/3mL Tubes (50/Box)
8B-S016-FBJ-TN	Screen-C 200mg/3mL Tubes (50/Box)
8B-S016-RBJ-TN	Screen-C 300mg/3mL Tubes (50/Box)
8B-S016-SCH-TN	Screen-C 150mg/6mL Tubes (30/Box)
8B-S016-RCH-TN	Screen-C 300mg/6mL Tubes (30/Box)
8B-S016-HCH-TN	Screen-C 500mg/6mL Tubes (30/Box)
8E-S016-CGB-TN	Screen-C 96-Well Plate 25mg/well (2/Box)
8E-S016-DGB-TN	Screen-C 96-Well Plate 50mg/well (2/Box)

THC-COOH



GC-MS chromatogram of urine extracts: A) blank B) spiked sample



GC-MS Analysis Conditions:

Column: Zebron™ ZB-5 (Order No: 7EG-G002-11-TN)
Dimensions: 15m x 0.25mm x 0.25 μ m
Injection: 3 μ L splitless for 0.4 min at 270°C
Gas Carrier: Constant flow Helium at 0.9mL/min
Oven: 140°C to 210°C at 20°C/min to 250°C at 6°C/min to 320°C at 25°C/min, hold for 2min
Detector: MSD SIM mode (m/z 371, 374*, 473, 476*, 488, and 491*); source=240°C; Transfer line = 300°C
 * From d₃ Internal Standard (IS)
Peaks:
 1. THC-COOH-d₃ (IS)
 2. THC-COOH (analyte)

Results

Analyte	Concentration (ng/mL)	% Recovery	% RSD (n=3)
THC-COOH	15.0	93	0.59

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