CBG Isolate on Raptor ARC-18 (2.7 µm) by HPLC-UV

Peaks t_R (min) 1. Cannabigerol (CBG) 2.897

Column Raptor ARC-18 (cat.# 9314A65)

Dimensions: 150 mm x 4 6 mm ID

Particle Size 2.7 um Pore Size: 90 Å

Guard Column: Raptor ARC-18 EXP guard column cartridge 5 mm, 4.6 mm ID, 2.7 µm (cat.# 9314A0250)

Temp.: Sample

Diluent. 25.75 Water-acetonitrle Conc.: Endogenous concentration

Inj. Vol.: 5 μL

Mobile Phase

Water, 5 mM ammonium formate, 0.1% formic acid

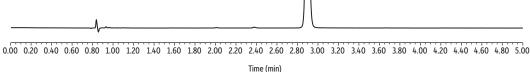
Acetonitrile, 0.1% formic acid

Time (min) Flow (mL/min) %B 0.00 1.5 75 15 5 25 75

Detector

Sample Preparation

UV/Vis @ 228 nm 0.5 gram of CBG isolate was weighed into a 50 mL centrifuge tube. 25 mL of IPA was added prior to vortexing (30 seconds) and sonicating (15 minutes). 0.5 mL of sample was aliquoted to a 4 mL vial and diluted 8-fold with 25:75 water:acetonitrile and vortexed briefly. 100 µL of sample was aliquoted to an autosampler vial, diluted 10-fold in 25:75 water:acetonitrile, and vortexed briefly prior to analysis.



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