

SAMPLE GC-FID ANALYSIS PROTOCOL

Customer: MediPen Ltd.

Analysis: CBD, CBG, CBDV

Date: 11. 8. 2017

Sample	CBD	CBG	CBDV
Cannassential® Capsules 10mg	7.2 ± 1 7.2mg / Per Capsule	4.0 ± 1 4.0mg / Per Capsule	0.13 ± 0.05 0.13mg / Per Capsule
Cannassential® Capsules 25mg	16.5 ± 1 16.5mg / Per Capsule	7.6 ± 1 7.6mg / Per Capsule	0.22 ± 0.05 0.22mg / Per Capsule
Cannassential® Capsules 50mg	32.7 ± 1 32.7mg / Per Capsule	15.6 ± 1 15.6mg / Per Capsule	0.44 ± 0.05 0.44mg / Per Capsule

The sample is dissolved in methanol and injected (1 µl) for GC-FID measurement. GC conditions: Agilent 6890 Gas Chromatograph, 20 ml/min, helium carrier gas, column Agilent DB-5 100% dimethylpolysiloxane column (30 m x 0.25 mm ID x 0.250 µm film thickness), 250°C injector temp, split ratio: 1:20, 290°C column temperature. Calibrated on CBD and THC standards (THC Pharm GmbH).

