

Lab Report

Product: CBD Softgels - 10mg, 30ct
 Lot Number: JP012721GC3
 Type: THC-Free Phytocannabinoid-Rich Hemp Oil



Parameter	Method ¹	Specification		Results
Appearance	QCU002	Viscous Oil, Possible Crystal Formation		Pass
Color		Pale yellow to amber to brown		Pass
Dissolution		Soluble and translucent		Pass
Cannabinoids	QCU001 (UHPLC-DAD)	LOQ (ppm)	Wt. (%)	(mg/g)
CBD		20	82.851	828.51
CBD-A		20	< LOQ	< LOQ
Δ9-THC		5	< LOQ	< LOQ
THC-A		5	< LOQ	< LOQ
CBN		5	0.022	0.219
CBN-A		5	< LOQ	< LOQ
CBG		5	< LOQ	< LOQ
CBC		5	< LOQ	< LOQ
CBC-A		5	< LOQ	< LOQ
Δ8-THC		5	< LOQ	< LOQ
CBDV		5	1.129	11.285
CBDV-A		5	< LOQ	< LOQ
THCV	5	< LOQ	< LOQ	
Potency – Total CBD		NLT 80.0 wt%		82.9 wt%
Total THC		0.0%		0.0%
Identity – CBD		Retention Time ± 0.05min of Standard		-0.01min
Terpenes		For Information Only		
β-Caryophyllene	GC-MS (Green Scientific)			0.144%
Caryophyllene Oxide				0.064%
Guaiol				0.061%
Linalool				0.041%

Parameter	Method ¹	Specification	Results
Pesticides	LC/MS GC/MS (Green Scientific)	Conforms to EPA limits	Pass
Residual Solvents			
Ethanol		5000 ppm	Pass
Methanol	USP	3000 ppm	Pass
Pentane	<467>	5000 ppm	Pass
Acetone		5000 ppm	Pass
Isopropyl Alcohol	GC FID	5000 ppm	Pass
Heptane	(Green Scientific)	5000 ppm	Pass
Hexane		290 ppm	Pass
Heavy Metals			
Arsenic	USP	<1.5 ppm	Pass
Cadmium	<2232>	<0.5 ppm	Pass
Lead	ICP-MS	<0.5 ppm	Pass
Mercury	(Green Scientific)	<0.2 ppm	Pass
Microbial Limits			
Total aerobic plate count	USP	<1000 cfu/g	Pass
Total yeast & mold	<2023>	<100 cfu/g	Pass
Enterobacteriaceae	(Green Scientific)	<10 MPN/g	Pass
Aspergillus		Absent	Pass
E. coli		Absent	Pass
Salmonella		Absent	Pass
Mycotoxins			
Aflatoxin B1	USP	<5ppb	Pass
Aflatoxin B2	<561>	<5ppb	Pass
Aflatoxin G1		<5ppb	Pass
Aflatoxin G2	LC-MS	<5ppb	Pass
Total Aflatoxins	(Green Scientific)	<20ppb	Pass
Ochratoxin A		<10ppb	Pass