

Lab Report

Product: CBD Softgels - 25mg, 90ct
 Lot Number: JP121520GC9
 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	87.738	877.379
CBD-A		20	< LOQ	< LOQ
Δ9-THC		5	< LOQ	< LOQ
THC-A		5	< LOQ	< LOQ
CBN		5	0.028	0.276
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	1.410	14.099
CBDV-A		5	< LOQ	< LOQ
THCV	5	< LOQ	< LOQ	
Potency – Total CBD		NLT 80.0 wt%	87.7 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)		0.057%	
Caryophyllene Oxide			0.063%	
Cis-Nerolidol			< LOQ	
Guaiol			0.039%	
Linalool			0.024%	

Parameter	Method ¹	Specification	Results
Pesticides	LC/MS GC/MS (Green Scientific)	Conforms to EPA limits	Conforms to EPA limits
Residual Solvents			
Ethanol		5000 ppm	< LOQ
Methanol	USP	3000 ppm	ND
Pentane	<467>	5000 ppm	ND
Acetone		5000 ppm	< LOQ
Isopropyl Alcohol	GC FID	5000 ppm	ND
Heptane	(Green Scientific)	5000 ppm	ND
Hexane		290 ppm	< LOQ
Heavy Metals			
Arsenic	USP	<1.5 ppm	< LOQ
Cadmium	<2232>	<0.5 ppm	< LOQ
Lead	ICP-MS	<0.5 ppm	< LOQ
Mercury	(Green Scientific)	<0.2 ppm	< LOQ
Microbial Limits			
Total aerobic plate count	USP	<1000 cfu/g	Below Threshold
Total yeast & mold	<2023>	<100 cfu/g	Below Threshold
Total coliforms	(Green Scientific)	None	Below Threshold
E. coli		None	Below LOD
Salmonella		None	Below LOD
Mycotoxins			
Aflatoxin B1	USP	<5ppb	ND
Aflatoxin B2	<561>	<5ppb	ND
Aflatoxin G1	LC-MS	<5ppb	ND
Aflatoxin G2	(Green Scientific)	<5ppb	ND
Total Mycotoxins		<20ppb	ND