

Lab Report

Product: CBD Balm - 30mg & 500mg

Lot Number: JP051021SA2

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)	(mg/g)	
CBD		20	86.249	862.490
CBD-A		20	< LOQ	< LOQ
Δ 9-THC		5	0.027	0.270
THC-A		5	< LOQ	< LOQ
CBN		5	0.028	0.280
CBN-A		5	< LOQ	< LOQ
CBG		5	< LOQ	< LOQ
CBC		5	< LOQ	< LOQ
CBC-A		5	< LOQ	< LOQ
Δ 8-THC		5	< LOQ	< LOQ
CBDV		5	1.390	13.895
CBDV-A		5	< LOQ	< LOQ
THCV	5	< LOQ	< LOQ	
Potency – Total CBD		NLT 80.0 wt%	86.2 wt%	
Total THC		0.0%	0.0%	
Identity – CBD		Retention Time \pm 0.05min of Standard	-0.01 min	
Terpenes	GC-MS (CannaSafe)	For Information Only		
β -Caryophyllene			0.25%	
Caryophyllene Oxide			0.14%	
Guaiol			0.14%	
α -Humulene			< LOQ	
Linalool		0.04%		

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