

Lab Report

Product: CBD Balm - 30mg

Lot Number: DR110920SA1

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	87.881	878.810
CBD-A		20	< LOQ	< LOQ
Δ9-THC		5	0.030	0.301
THC-A		5	< LOQ	< LOQ
CBN		5	0.031	0.314
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	1.398	13.977
CBDV-A		5	< LOQ	< LOQ
THCV	5	< LOQ	< LOQ	
Potency – Total CBD		NLT 80.0 wt%	87.9 wt%	
Total THC		0.0%	0.0%	
Identity – CBD		Retention Time ± 0.05min of Standard	-0.01min	
Terpenes	GC-MS (Green Scientific)	For Information Only		
β-Caryophyllene			0.071%	
Caryophyllene Oxide			0.078%	
Guaiol			0.051%	
Linalool			0.033%	

Parameter	Method ¹	Specification	Results
Pesticides	LC/MS GC/MS (Green Scientific)	Conforms to EPA limits	Conforms to EPA limits
Residual Solvents			
Ethanol	USP <467> GC FID (Green Scientific)	5000 ppm	< LOQ
Methanol		3000 ppm	ND
Pentane		5000 ppm	ND
Acetone		5000 ppm	ND
Isopropyl Alcohol		5000 ppm	< LOQ
¹ Heptane		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	0.111 ppm
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

Certificate of Quality Assurance

ACTIVE INGREDIENTS: Broad Spectrum CBD Oil (0.0% THC)

INACTIVE INGREDIENTS: Medium Chain Triglycerides (MCT Oil), Beeswax, Lavender Oil, Eucalyptus Oil, Candelilla Wax

Attributes	Acceptance Criteria	Results	Test Method
Appearance	Semi-solid Paste	Conforms	QCU002
Odor	Characteristic	Conforms	QCU002
Color	Cream to Light Brown	Conforms	QCU002
Total Cannabinoid Content	NLT 95% of target concentration, 0.0% THC	30 mg total CBD per 0.17 oz, 0.0% THC	QCU001

Package	Acceptance Criteria	Results
Primary Package	Container dedusted and wiped clean Container caps screwed on tight	Conforms
Secondary Package	Carton Sturdy and clean Sufficient cushion material exists Carton taped on all sides	Conforms