

Lab Report

Product: CBD Oil Tincture - 1500mg
 Lot Number: JP050521T2
 Type: THC-Free Phytocannabinoid-Rich Hemp Oil



Parameter	Method ¹	Specification	Results
Appearance		Viscous Oil, Possible Crystal Formation	Pass
Color	QCU002	Pale yellow to amber to brown	Pass
Dissolution		Soluble and translucent	Pass
Cannabinoids		LOQ (ppm) Wt. (%)	(mg/g)
CBD		20	86.249
CBD-A		20	< LOQ
Δ9-THC		5	0.027
THC-A		5	< LOQ
CBN		5	0.028
CBN-A		5	< LOQ
CBG	QCU001	5	< LOQ
CBC	(UHPLC-DAD)	5	< LOQ
CBC-A		5	< LOQ
Δ8-THC		5	< LOQ
CBDV		5	1.390
CBDV-A		5	< LOQ
THCV		5	< LOQ
Potency – Total CBD		NLT 80.0 wt%	86.2 wt%
Total THC		0.0%	0.0%
Identity – CBD		Retention Time ± 0.05min of Standard	0.01 min
Terpenes		For Information Only	
β-Caryophyllene			0.25%
Caryophyllene Oxide			0.14%
Guaiol	GC-MS		0.14%
α-Humulene	(CannaSafe)		< 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> GC FID (CannaSafe)	5000 ppm	Pass
Methanol		3000 ppm	Pass
Pentane		5000 ppm	Pass
Acetone		5000 ppm	Pass
Isopropyl Alcohol		5000 ppm	Pass
Heptane		5000 ppm	Pass
Hexane		290 ppm	Pass
Heavy Metals			
Arsenic	USP <2232> ICP-MS (CannaSafe)	<1.5 ppm	Pass
Cadmium		<0.5 ppm	Pass
Lead		<0.5 ppm	Pass
Mercury		<0.2 ppm	Pass
Microbial Limits			
Total aerobic plate count	USP <2023> (CannaSafe)	<1000 cfu/g	Pass
Total yeast & mold		<100 cfu/g	Pass
Enterobacteriaceae		<10 MPN/g	Pass
Aspergillus		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

Certificate of Quality Assurance

Attributes	Acceptance Criteria	Results	Test Method
Appearance	Thin Oil	Conforms	QCU002
Odor	Characteristic	Conforms	QCU002
Color	Amber	Conforms	QCU002
Cannabinoid Content	NLT 95% of target concentration CBD, 0.0% THC	1,500 mg CBD per 1 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