

Certificate of Analysis

Produced: Jan 21, 2025

Sample: FS CBD Oil 1000mg (Tincture) • Client: Modrutz Botanical Company • Batch: Pass



Matrix: Tincture  
Density: .949 g/ml  
Category: Tinctures  
Sample ID: ICM-250116-002  
Collected on: Jan 16, 2025  
Received on: Jan 16, 2025  
Batch Size:  
Sample Size: 29 g  
Received By: Vanessa Whitehead  
Package Size: 1 oz

Batch Result: Pass

Potency Pass

Cannabinoid Overview

Δ <sup>9</sup> -THC:	0.000 mg/pkg
CBD:	1480.412 mg/pkg
Sum of Cannabinoids:	1550.719 mg/pkg

POT-001: Cannabinoids by HPLC-DAD

Analyte	Amt (mg/pkg)	Amt (%)	Amt (mg/ml)	LOD/LOQ (mg/ml)	Analyte	Amt (mg/pkg)	Amt (%)	Amt (mg/ml)	LOD/LOQ (mg/ml)
CBC	ND	ND	ND	0.024/0.080	CBN	17.5767043375	0.062	0.59	0.014/0.046
CBCA	ND	ND	ND	0.028/0.089	CBNA	ND	ND	ND	0.009/0.029
CBCV	ND	ND	ND	0.021/0.069	CBT	ND	ND	ND	0.018/0.059
CBD	1480.4120975875	5.222	49.56	0.011/0.039	Δ <sup>8</sup> + Δ <sup>9</sup> -THC*	ND	ND	ND	
CBDa	ND	ND	ND	0.014/0.047	Δ <sup>8</sup> -THC	ND	ND	ND	0.014/0.046
CBDV	5.38640939375	0.019	0.18	0.023/0.075	Δ <sup>9</sup> -THC	ND	ND	ND	0.009/0.028
CBDVA	ND	ND	ND	0.009/0.028	THCa	ND	ND	ND	0.016/0.052
CBG	47.34370361875	0.167	1.58	0.018/0.060	THCV	ND	ND	ND	0.014/0.046
CBGA	ND	ND	ND	0.009/0.031	THCVA	ND	ND	ND	0.020/0.065
CBL	ND	ND	ND	0.013/0.043	Total THC**	ND	ND	ND	
CBLA	ND	ND	ND	0.006/0.020	Total CBD**	1480.4120975875	5.222	49.56	

\* Beyond scope of accreditation  
Total THC = THCa \* 0.877 + d9-THC; Total CBD = CBDa \* 0.877 + CBD; NR= Not Reported, ND= Not Detected, \*Reported by Dry Mass\*; \*analytical instrumentation used Cannabinoids: UHPLC-DAD, Moisture: Mass by Drying, Water Activity: Water Activity Meter, Foreign: Microscope\* \*Density tested at a temperature range between 19-24 °C, \*Water Activity tested at a humidity range between 0-90% Relative Humidity. All OA samples are sampled by the client, All California State Compliant samples sampled using SAMPL-SOP-001.



*David Egerton*



**PJLA**  
**Testing**  
Accreditation #95560

**PJLA Accredited**

**POT-001: Cannabinoids by HPLC-DAD**

CBC, CBCA, CBCV, CBD, CBDA, CBDV, CBDVA, CBG, CBGA, CBL, CBLA, CBN, CBNA, CBT, Delta-8-THC, Delta-9-THC, THCA, THCV, THCVA, Total CBD, Total THC

