

Certificate of Analysis

Produced: Jan 21, 2025

Sample: FS CBD Muscle Roll On 2500mg (Topical) • Client: Modrutz Botanical Company • Batch: Pass



Matrix: Topical  
Category: Other  
Sample ID: ICM-250116-004  
Collected on: Jan 16, 2025  
Received on: Jan 16, 2025  
Batch Size:  
Sample Size: 88 g  
Received By: Vanessa Whitehead  
Package Size: 3 oz

Batch Result: Pass

Potency Pass

Cannabinoid Overview

Δ <sup>9</sup> -THC:	< LOQ
CBD:	2494.475 mg/pkg
Sum of Cannabinoids:	2689.236 mg/pkg

POT-001: Cannabinoids by HPLC-DAD

Analyte	Amt (mg/pkg)	Amt (%)	Amt (mg/g)	LOD/LOQ (mg/g)	Analyte	Amt (mg/pkg)	Amt (%)	Amt (mg/g)	LOD/LOQ (mg/g)
CBC	ND	ND	ND	0.022/0.074	CBN	40.8233133	0.048	0.48	0.026/0.086
CBCA	ND	ND	ND	0.031/0.101	CBNA	ND	ND	ND	0.012/0.039
CBCV	ND	ND	ND	0.018/0.060	CBT	113.11459726875	0.133	1.33	0.020/0.065
CBD	2494.4745397688	2.933	29.33	0.007/0.024	Δ <sup>8</sup> + Δ <sup>9</sup> -THC*	< LOQ	< LOQ	< LOQ	
CBDa	ND	ND	ND	0.010/0.034	Δ <sup>8</sup> -THC	ND	ND	ND	0.278/0.916
CBDV	25.5145708125	0.030	0.30	0.025/0.081	Δ <sup>9</sup> -THC	< LOQ	< LOQ	< LOQ	0.264/0.871
CBDVA	ND	ND	ND	0.011/0.037	THCa	ND	ND	ND	0.010/0.032
CBG	ND	ND	ND	0.018/0.059	THCV	ND	ND	ND	0.012/0.039
CBGA	ND	ND	ND	0.016/0.052	THCVA	ND	ND	ND	0.016/0.054
CBL	15.3087424875	0.018	0.18	0.016/0.052	Total THC**	< LOQ	< LOQ	< LOQ	
CBLA	ND	ND	ND	0.006/0.021	Total CBD**	2494.4745397688	2.933	29.33	

\* 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.





**PJLA Accredited**

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

CBC, CBGA, 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



A handwritten signature in black ink, appearing to read "David Egerton".