

PharmLabs San Diego Certificate of Analysis

3421 Hancock St, Second Floor, San Diego, CA 92110 | License: C8-0000098-LIC
 ISO/IEC 17025:2017 Certification L17-427-1 | Accreditation #85368



Sample **Mango 25mg D8 228DEMNG4**

Sample ID	SD221011-084 (52763)	Matrix	Edible (Other Cannabis Good)
Tested for	Grove Inc		
Sampled	-	Received	Oct 11, 2022
		Reported	Oct 12, 2022
Analyses executed	CAN+	Unit Mass (g)	4.884
		Serving Size (g)	4.884

Laboratory note: The estimated concentration of the unknown peak in the sample is 0.07% | Currently PharmLabs laboratory can not confirm an unidentified peak in your chromatogram due to interference (only with highly concentrated D8 products) from which we believe to be either (+)-THC or d9-THC. At this time there are no reference standards available for (+)-d8-THC. (+)-d8-THC is a different compound from the main (-)-d8-THC cannabinoid and, therefore, these two compounds may have different efficacies. Using the most advanced instruments and techniques available, the separation of (+)-d8-THC and d9-THC is problematic for the scientific community as a whole. PharmLabs believes the unidentified peak to be a combination of (+)-d8-THC and d9-THC with the majority, if not all, of the concentration being (+)-d8-THC. Total (+/-) D8 Concentration is estimated to be: 0.71%

CAN+ - Cannabinoids Analysis

Analyzed Oct 12, 2022 | Instrument HPLC-VWD | Method SOP-001
 Measurement Uncertainty at 95% confidence 7.806%

Analyte	LOD mg/g	LOQ mg/g	Result %	Result mg/g	Result mg/Serving	Result mg/Unit
Cannabidiol (CBD)	0.039	0.16	ND	ND	ND	ND
Cannabidiolic Acid (CBDA)	0.001	0.16	ND	ND	ND	ND
Cannabigerol Acid (CBGA)	0.001	0.16	ND	ND	ND	ND
Cannabigerol (CBG)	0.001	0.16	ND	ND	ND	ND
Cannabidiol (CBD)	0.001	0.16	ND	ND	ND	ND
Tetrahydrocannabinol (THCV)	0.001	0.16	ND	ND	ND	ND
Cannabinol (CBN)	0.001	0.16	ND	ND	ND	ND
Tetrahydrocannabinol (Δ9-THC)	0.003	0.16	UI	UI	UI	UI
Δ8-tetrahydrocannabinol (Δ8-THC)	0.004	0.16	0.64	6.44	31.45	31.45
Cannabicyclol (CBL)	0.002	0.16	ND	ND	ND	ND
Cannabichromene (CBC)	0.002	0.16	ND	ND	ND	ND
Tetrahydrocannabinolic Acid (THCA)	0.001	0.16	ND	ND	ND	ND
Total THC (THCa * 0.877 + Δ9THC)			ND	ND	ND	ND
Total THC + Δ8THC (THCa * 0.877 + Δ9THC + Δ8THC)			0.64	6.44	31.45	31.45
Total CBD (CBDA * 0.877 + CBD)			ND	ND	ND	ND
Total CBG (CBGA * 0.877 + CBG)			ND	ND	ND	ND
Total Cannabinoids			0.64	6.44	31.45	31.45

UI Not Identified
 ND Not Detected
 N/A Not Applicable
 NT Not Reported
 LOD Limit of Detection
 LOQ Limit of Quantification
 <LOQ Detected
 >ULOL Above upper limit of linearity
 CFU/g Colony Forming Units per 1 gram
 TNTC Too Numerous to Count



Scan the QR code to verify authenticity.

Authorized Signature

Brandon Starr

Brandon Starr, Lab Manager
 Wed, 12 Oct 2022 10:32:31 -0700

PharmLabs San Diego | 3421 Hancock St, Second Floor, San Diego, CA 92110 | 619.356.0898 | ISO/IEC 17025:2017 Certification L17-427-1



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