

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 **40mg Blue Paradise**

Sample ID	SD221104-001 (54356)	Matrix	Edible (Other Cannabis Good)
Tested for	Top Shelf Hemp Co		
Sampled	-	Received	Nov 03, 2022
		Reported	Nov 07, 2022
Analyses executed	CAN+	Unit Mass (g)	9.085
		Serving Size (g)	4.543

Laboratory note: unit size = 2 pieces | The estimated concentration of the unknown peak in the sample is 0.08% | 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 (+)δ8-THC or δ9-THC. At this time there are no reference standards available for (+)δ8-THC. (+)δ8-THC is a different compound from the main (-)δ8-THC cannabinoid and, therefore, these two compounds may have different efficacies. Using the most advanced instruments and techniques available, the separation of (+)δ8-THC and δ9-THC is problematic for the scientific community as a whole. PharmLabs believes the unidentified peak to be a combination of (+)δ8-THC and δ9-THC with the majority, if not all, of the concentration being (+)δ8-THC. Total (+/-) D8 Concentration is estimated to be: 1.29%

CAN+ - Cannabinoids Analysis

Analyzed Nov 04, 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	Sample photography
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	
Tetrahydrocannabivarin (THCV)	0.001	0.16	ND	ND	ND	ND	
Cannabinol (CBN)	0.001	0.16	<LOQ	<LOQ	<LOQ	<LOQ	
Tetrahydrocannabinol (Δ9-THC)	0.003	0.16	UI	UI	UI	UI	
Δ8-tetrahydrocannabinol (Δ8-THC)	0.004	0.16	1.29	12.87	58.45	116.89	
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 )			1.29	12.87	58.45	116.89	
Total CBD ( CBDA * 0.877 + CBD )			ND	ND	ND	ND	
Total CBG ( CBGA * 0.877 + CBG )			ND	ND	ND	ND	
<b>Total Cannabinoids</b>			<b>1.29</b>	<b>12.87</b>	<b>58.45</b>	<b>116.89</b>	



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  
 Mon, 07 Nov 2022 11:45:37 -0800

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