

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 **HighRise Delta Co - Tangie Delta-8 Vape Cartridge - 1 Gram**

Sample ID SD220820-013 (51309)	Matrix Concentrate (Inhalable Cannabis Good)
Distributor License 035175	Name The Heart of Hemp
Address 219 Sierra Drive SE	Reported Aug 23, 2022
Received Aug 19, 2022	Unit Mass (g) 1.0
Analyses executed CAN+	

Laboratory note: The estimated concentration of the unknown peak in the sample is 8.5% | 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 cannabinoids is estimated to be 90.3%.

CAN+ - Cannabinoids Analysis

Analyzed **Aug 23, 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/Unit	Sample photography
Cannabidiol (CBD)	0.039	0.16	ND	ND	ND	
Cannabidiol Acid (CBDA)	0.001	0.16	ND	ND	ND	
Cannabigerol Acid (CBGA)	0.001	0.16	ND	ND	ND	
Cannabigerol (CBG)	0.001	0.16	0.24	2.39	2.39	
Cannabidiol (CBD)	0.001	0.16	0.81	8.10	8.10	
Tetrahydrocannabivarin (THCV)	0.001	0.16	ND	ND	ND	
Cannabinol (CBN)	0.001	0.16	ND	ND	ND	
Tetrahydrocannabinol (Δ9-THC)	0.003	0.16	UI	UI	UI	
Δ8-tetrahydrocannabinol (Δ8-THC)	0.004	0.16	80.77	807.67	807.67	
Cannabicyclol (CBL)	0.002	0.16	ND	ND	ND	
Cannabichromene (CBC)	0.002	0.16	ND	ND	ND	
Tetrahydrocannabinolic Acid (THCA)	0.001	0.16	ND	ND	ND	
Total THC (THCa * 0.877 + Δ9THC)			ND	ND	ND	
Total THC + Δ8THC (THCa * 0.877 + Δ9THC + Δ8THC)			80.77	807.67	807.67	
Total CBD (CBDA * 0.877 + CBD)			0.81	8.10	8.10	
Total CBG (CBGA * 0.877 + CBG)			0.24	2.39	2.39	
Total Cannabinoids			81.82	818.16	818.16	



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
 Tue, 23 Aug 2022 11:20:17 -0700

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