

PharmLabs San Diego Certificate of Analysis

3421 Hancock St, Second Floor, San Diego, CA 92110 | License: C8-000098-LIC  
 ISO/IEC 17025:2017 Certification L17-427-1 | Accreditation #85368



Sample **Happi x SC 2g Gelonade**

Sample ID	SD220519-026 (48474)	Matrix	Concentrate (Inhalable Cannabis Good)
Tested for	Fresh Farms E-Liquid LLC		
Sampled	-	Received	May 19, 2022
Analyses executed	CAN20	Reported	May 23, 2022
		Unit Mass (g)	2.0

**Laboratory note :** The estimated concentration of the unknown peak in the sample is 6.3% | 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 (+)d8-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.

**CAN20 - Cannabinoids Analysis**

Analyzed **May 23, 2022** | Instrument HLPC  
 Measurement Uncertainty at 95% confidence **7.806%**

**Sample photography**



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, 23 May 2022 15:27:16 -0700

Analyte	LOD mg/g	LOQ mg/g	Result %	Result mg/g	Result mg/Package
Cannabidiol (CBD)	0.039	0.16	0.14	1.38	2.77
Cannabidiolic Acid (CBDA)	0.001	0.16	1.41	14.06	28.12
Cannabigerol Acid (CBGA)	0.001	0.16	ND	ND	ND
Cannabigerol (CBG)	0.001	0.16	ND	ND	ND
Cannabidiol (CBD)	0.001	0.16	ND	ND	ND
Tetrahydrocannabivarin (THCV)	0.001	0.16	ND	ND	ND
Cannabinol (CBN)	0.001	0.16	0.20	1.98	3.96
exo-THC (exo-THC)	0.016	0.8	ND	ND	ND
Tetrahydrocannabinol ( $\Delta^9$ -THC)	0.003	0.16	UI	UI	UI
$\Delta^8$ -tetrahydrocannabinol ( $\Delta^8$ -THC)	0.004	0.16	42.34	423.38	846.76
(6aR,9S)- $\Delta^10$ -Tetrahydrocannabinol ((6aR,9S)- $\Delta^10$ )	0.015	0.16	0.40	4.04	8.08
Hexahydrocannabinol (S Isomer) (9s-HHC)	0.017	0.16	1.18	11.78	23.56
(6aR,9R)- $\Delta^10$ -Tetrahydrocannabinol ((6aR,9R)- $\Delta^10$ )	0.007	0.16	4.78	47.82	95.65
Hexahydrocannabinol (R Isomer) (9r-HHC)	0.016	0.16	8.22	82.16	164.33
Cannabichromene (CBC)	0.002	0.16	ND	ND	ND
Tetrahydrocannabinolic Acid (THCA)	0.001	0.16	ND	ND	ND
$\Delta^9$ -Tetrahydrocannabiphorol ( $\Delta^9$ -THCP)	0.017	0.16	ND	ND	ND
$\Delta^8$ -Tetrahydrocannabiphorol ( $\Delta^8$ -THCP)	0.041	0.16	ND	ND	ND
$\Delta^8$ -THC-O-acetate ( $\Delta^8$ -THC-O)	0.076	0.16	21.34	213.43	426.87
$\Delta^9$ -THC-O-acetate ( $\Delta^9$ -THC-O)	0.066	0.16	ND	ND	ND
$\Delta^8$ -Tetrahydrocannabivarin ( $\Delta^8$ -THCV)			NT	NT	ND
$\Delta^9$ -Tetrahydrocannabihexol ( $\Delta^9$ -THCH)			NT	NT	ND
Total THC (THCa * 0.877 + THC)			ND	ND	ND
Total CBD (CBDA * 0.877 + CBD)			1.23	12.33	24.66
Total CBG (CBGa * 0.877 + CBG)			ND	ND	ND
Total HHC (9r-HHC + 9s-HHC)			9.39	93.94	187.89
<b>TOTAL CANNABINOIDS</b>			<b>79.83</b>	<b>798.30</b>	<b>1596.64</b>

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Sample **Happi x SC 2g Purple Punch**

Sample ID	SD220519-027 (48475)	Matrix	Concentrate (Inhalable Cannabis Good)
Tested for	Fresh Farms E-Liquid LLC		
Sampled	-	Received	May 19, 2022
		Reported	May 23, 2022
Analyses executed	CAN20	Unit Mass (g)	2.0

**Laboratory note :** The estimated concentration of the unknown peak in the sample is 5.8% | 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 (+)d8-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.

**CAN20 - Cannabinoids Analysis**

Analyzed **May 23, 2022** | Instrument **HLPC**  
 Measurement Uncertainty at 95% confidence **7.806%**

**Sample photography**



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 Mon, 23 May 2022 15:31:04 -0700

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Analyte	LOD mg/g	LOQ mg/g	Result %	Result mg/g	Result mg/Package
Cannabidiol (CBD)	0.039	0.16	0.13	1.32	2.64
Cannabidiolic Acid (CBDA)	0.001	0.16	1.45	14.52	29.04
Cannabigerol Acid (CBGA)	0.001	0.16	ND	ND	ND
Cannabigerol (CBG)	0.001	0.16	ND	ND	ND
Cannabidiol (CBD)	0.001	0.16	ND	ND	ND
Tetrahydrocannabivarin (THCV)	0.001	0.16	0.14	1.37	2.75
Cannabinol (CBN)	0.001	0.16	0.42	4.22	8.45
exo-THC (exo-THC)	0.016	0.8	ND	ND	ND
Tetrahydrocannabinol (Δ9-THC)	0.003	0.16	UI	UI	UI
Δ8-tetrahydrocannabinol (Δ8-THC)	0.004	0.16	36.78	367.77	735.53
(6aR,9S)-Δ10-Tetrahydrocannabinol ((6aR,9S)-Δ10)	0.015	0.16	0.42	4.19	8.37
Hexahydrocannabinol (S Isomer) (9s-HHC)	0.017	0.16	1.26	12.57	25.13
(6aR,9R)-Δ10-Tetrahydrocannabinol ((6aR,9R)-Δ10)	0.007	0.16	5.23	52.33	104.66
Hexahydrocannabinol (R Isomer) (9r-HHC)	0.016	0.16	8.75	87.54	175.09
Cannabichromene (CBC)	0.002	0.16	ND	ND	ND
Tetrahydrocannabinolic Acid (THCA)	0.001	0.16	ND	ND	ND
Δ9-Tetrahydrocannabiphorol (Δ9-THCP)	0.017	0.16	ND	ND	ND
Δ8-Tetrahydrocannabiphorol (Δ8-THCP)	0.041	0.16	ND	ND	ND
Δ8-THC-O-acetate (Δ8-THC-O)	0.076	0.16	19.98	199.76	399.51
Δ9-THC-O-acetate (Δ9-THC-O)	0.066	0.16	ND	ND	ND
Δ8-Tetrahydrocannabivarin (Δ8-THCV)			NT	NT	ND
Δ9-Tetrahydrocannabihexol (Δ9-THCH)			NT	NT	ND
Total THC (THCa * 0.877 + THC)			ND	ND	ND
Total CBD (CBDA * 0.877 + CBD)			1.27	12.73	25.47
Total CBG (CBGa * 0.877 + CBG)			ND	ND	ND
Total HHC (9r-HHC + 9s-HHC)			10.01	100.11	200.22
<b>TOTAL CANNABINOIDS</b>			<b>74.38</b>	<b>743.80</b>	<b>1487.60</b>

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