

PharmLabs San Diego

Certificate of Analysis

Sample

Mandarin Pineapple THCA Gummies

Delta9 THC0.09%

THCa0.02%

Total Delta9 THC (THC + THCa)0.11%

Delta8 THC1.61%

Sample ID	SD240311-005 (91100)	Matrix	Edible/Tincture (Other Cannabis Good)
Tested for	Eighty Six Brand		
Sampled	-	Received	Mar 11, 2024
Analyses executed	FP-NI20	Unit Mass (g)	57.099
		Num. of Servings	10
		Reported	Mar 15, 2024
			Serving Size (g) 5.71

CANX - Cannabinoids Analysis						
Analyzed Mar 12, 2024 Instrument HPLC-VWD Method SOP-001						
The expanded Uncertainty of the Cannabinoid analysis is approximately $\pm 8.06\%$ at the 95% Confidence Level						
Analyte	LOD mg/g	LOQ mg/g	Result %	Result mg/g	Result mg/Serving	Result mg/Unit
11-Hydroxy- $\Delta 8$ -Tetrahydrocannabivarin (11-Hyd- $\Delta 8$ -THCV)	0.013	0.041	ND	ND	ND	ND
Cannabidiolcin (CBDO)	0.002	0.007	ND	ND	ND	ND
Abnormal Cannabidiolcin (a-CBDO)	0.01	0.031	ND	ND	ND	ND
(+/-)-9B-hydroxy-Hexahydrocannabinol (9b-HHC)	0.012	0.036	ND	ND	ND	ND
11-Hydroxy- $\Delta 8$ -Tetrahydrocannabinol (11-Hyd- $\Delta 8$ -THC)	0.007	0.021	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
1(S)-THD (s-THD)	0.013	0.041	ND	ND	ND	ND
1(R)-THD (r-THD)	0.025	0.075	ND	ND	ND	ND
Tetrahydrocannabivarin (THCV)	0.001	0.16	<LOQ	<LOQ	<LOQ	<LOQ
$\Delta 8$ -tetrahydrocannabivarin ($\Delta 8$ -THCV)	0.021	0.064	0.01	0.10	0.57	5.71
Cannabidihexol (CBDH)	0.005	0.16	ND	ND	ND	ND
Tetrahydrocannabutol ($\Delta 9$ -THCB)	0.013	0.038	ND	ND	ND	ND
Cannabinol (CBN)	0.001	0.16	ND	ND	ND	ND
Cannabidiphoral (CBDP)	0.015	0.047	ND	ND	ND	ND
exo-THC (exo-THC)	0.005	0.16	ND	ND	ND	ND
Tetrahydrocannabinol ($\Delta 9$ -THC)	0.003	0.16	0.09	0.93	5.31	53.10
$\Delta 8$ -tetrahydrocannabinol ($\Delta 8$ -THC)	0.004	0.16	1.61	16.13	92.10	921.01
(6aR,9S)- $\Delta 10$ -Tetrahydrocannabinol ((6aR,9S)- $\Delta 10$)	0.015	0.16	ND	ND	ND	ND
Hexahydrocannabinol (S Isomer) (9s-HHC)	0.017	0.16	ND	ND	ND	ND
(6aR,9R)- $\Delta 10$ -Tetrahydrocannabinol ((6aR,9R)- $\Delta 10$)	0.007	0.16	ND	ND	ND	ND
Hexahydrocannabinol (R Isomer) (9r-HHC)	0.016	0.16	ND	ND	ND	ND
Tetrahydrocannabinolic Acid (THCA)	0.001	0.16	0.02	0.18	1.03	10.28
$\Delta 9$ -Tetrahydrocannabihexol ($\Delta 9$ -THCH)	0.024	0.071	0.01	0.08	0.46	4.57
Cannabinol Acetate (CBNO)	0.014	0.043	ND	ND	ND	ND
$\Delta 9$ -Tetrahydrocannabiphoral ($\Delta 9$ -THCP)	0.017	0.16	0.02	0.17	0.97	9.71
$\Delta 8$ -Tetrahydrocannabiphoral ($\Delta 8$ -THCP)	0.041	0.16	ND	ND	ND	ND
Cannabicitran (CBT)	0.005	0.16	ND	ND	ND	ND
$\Delta 8$ -THC-O-acetate ($\Delta 8$ -THCO)	0.076	0.16	ND	ND	ND	ND
9(S)-HHCP (s-HHCP)	0.031	0.094	ND	ND	ND	ND
$\Delta 9$ -THC-O-acetate ($\Delta 9$ -THCO)	0.066	0.16	ND	ND	ND	ND
9(R)-HHCP (r-HHCP)	0.026	0.079	ND	ND	ND	ND
9(S)-HHC-O-acetate (s-HHCO)	0.005	0.16	ND	ND	ND	ND
9(R)-HHC-O-acetate (r-HHCO)	0.008	0.025	ND	ND	ND	ND
3-octyl- $\Delta 8$ -Tetrahydrocannabinol ($\Delta 8$ -THC-C8)	0.067	0.204	ND	ND	ND	ND
Total THC (THCa * 0.877 + $\Delta 9$ THC)			0.11	1.09	6.21	62.12
Total THC + $\Delta 8$ THC + $\Delta 10$ THC (THCa * 0.877 + $\Delta 9$ THC + $\Delta 8$ THC + $\Delta 10$ THC)			1.72	17.22	98.31	983.12
Total CBD (CBDA * 0.877 + CBD)			ND	ND	ND	ND
Total CBG (CBGa * 0.877 + CBG)			ND	ND	ND	ND
Total HHC (9r-HHC + 9s-HHC)			ND	ND	ND	ND
Total Cannabinoids Analyzed			1.76	17.57	100.31	1003.11

HME - Heavy Metals Analysis				
Analyzed Mar 12, 2024 Instrument ICP/MSMS Method SOP-005				
Analyte	LOD ug/g	LOQ ug/g	Result ug/g	Limit ug/g
Arsenic (As)	0.0009	0.0027	0.02	1.5
Cadmium (Cd)	0.0005	0.0015	0.02	0.5
Mercury (Hg)	0.0058	0.0174	ND	3
Lead (Pb)	0.0006	0.0018	0.01	0.5
Nickel (Ni)	6.0e-05	0.0002	NT	

MIBNIG - Microbial Analysis									
Analyzed Mar 14, 2024 Instrument Plating Method SOP-007									
Analyte	LOD	LOQ	Result CFU/g	Limit	Analyte	LOD	LOQ	Result CFU/g	Limit
Shiga toxin-producing Escherichia Coli			ND	ND per 1 gram	Salmonella spp.			ND	ND per 1 gram

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



PharmLabs
Testing
Acc. #85368

DCC license: C8-0000098-LIC
DEA license: RP0611043
ISO/IEC 17025:2017 Acc. L17-427-1



Scan the QR code to verify authenticity.

Authorized Signature

Brandon Starr

Brandon Starr, Lab Manager
Fri, 15 Mar 2024 11:44:19 -0700

PharmWare

CANNABIS LABORATORY LIMS & ELN

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

*This report shall not be reproduced except in full, without the written approval of the lab. This report is for informational purposes only and should not be used to diagnose, treat or prevent any disease. Results are only for samples and batches indicated. Results are reported on an "as received" basis, unless indicated otherwise. When a Pass/Fail status is reported, that status is intended to be in accordance with federal, state and local laws which are required for the customer to be in compliance. The measurement of uncertainty is not included in the Pass/Fail evaluation unless explicitly required by federal, state or local laws and has been reported on the certificate of analysis. Measurement of uncertainty is available upon request.