

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



FROSTED GRAPES

Sample ID: SD221116-020 (55100)

Matrix: Flower (Inhalable Cannabis Good)

Sampled -

Received Nov 16, 2022

Reported Nov 17, 2022

Analyses executed: **CAN+**

Laboratory note: The estimated concentration of the unknown peak in the sample is 0.31%. 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 (1)Δ8-THC or Δ9-THC. At this time there are no reference standards available for (1)Δ8-THC. (1)Δ8-THC is a different compound from the main (1)Δ9-THC cannabinoids and, therefore, these two compounds may have different efficacies. Using the most advanced instruments and techniques available, the separation of (1)Δ8-THC and Δ9-THC is problematic for the scientific community as a whole. PharmLabs believes the unidentified peak to be a combination of (1)Δ8-THC and Δ9-THC with the majority, if not all, of the concentration being (1)Δ8-THC. Total Δ8-THC is estimated to be 6.67%.

***CAN+ - Cannabinoids Analysis**

Analyzed Nov 17, 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
Cannabidiol (CBD)	0.039	0.16	ND	ND
Cannabidiolic Acid (CBDA)	0.001	0.16	17.28	172.82
Cannabigerol Acid (CBGA)	0.001	0.16	0.39	3.92
Cannabigerol (CBG)	0.001	0.16	0.10	1.02
Cannabidiol (CBD)	0.001	0.16	1.28	12.79
Tetrahydrocannabinol (THCV)	0.001	0.16	0.03	0.30
Cannabinol (CBN)	0.001	0.16	0.05	0.53
Tetrahydrocannabinol (Δ9-THC)	0.003	0.16	UI	UI
Δ8-tetrahydrocannabinol (Δ8-THC)	0.004	0.16	6.67	65.69
Cannabicyclol (CBL)	0.002	0.16	ND	ND
Cannabichromene (CBC)	0.002	0.16	ND	ND
Tetrahydrocannabinol-c Acid (THCA)	0.001	0.16	0.60	5.98
Total THC (THC + Δ8THC + Δ9THC)			0.52	5.24
Total THC + Δ8THC (THC + 0.877 + Δ8THC)			7.19	71.93
Total CBD (CBDA + 0.877 + CBD)			16.44	164.36
Total CBG (CBGA + 0.877 + CBG)			0.45	4.47
Total Cannabinoids			24.16	241.59

*Dry Weight %

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



Authorized Signature

Brandon Stahl

Brandon Stahl, Lab Manager
 Thu, 17 Nov 2022 11:47:43 -0800

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



*This report shall not be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, without the prior written permission of PharmLabs. Results are reported for samples and batches indicated. Results are reported on an "as received" basis, unless specified otherwise. In an effort to improve the reporting of total THC, it is recommended to be in compliance with the same state and local laws which are required for the customer to be in compliance. The measurement of uncertainty is not included in the Part 161 of regulation unless explicitly required by federal, state or local laws and has not been reported on the certificate of analysis. Measurement of uncertainty is available upon request.