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#### PharmLabs San Diego Certificate of Analysis

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### sample Plant Puff - D8 Flower - Purple Punch

**QA** Testing



Sample ID SD231220-031 (88637) Matrix Flower (Inhalable Cannabis Good) Tested for Organic Plus Brands Sampled -Received Dec 19, 2023 Reported Dec 22, 2023 Analyses executed CAN+, MWA

# \* CAN+ - Cannabinoids Analysis Analyzed Dec 20, 2023 | Instrument HPLC-VWD | Method SOP-001 The expanded Uncertainty of the Cannabinoid analysis is approxime

Cannabidiolic Acid (CBDA) 0.001 0.16 12.17 121.68	Analyte	LOD mg/g	LOQ mg/g	Result %	Result mg/g
Cannabigerol Acid (CBGA)   0.001   0.16   1.02   10.22     Cannabigerol (CBG)   0.001   0.16   0.26   2.61     Cannabigorol (CBG)   0.001   0.16   6.22   2.62     Cannabigorol (CBO)   0.001   0.16   6.22   2.62     Cannabigorol (CBN)   0.001   0.16   ND   ND     Cannabinol (CBN)   0.001   0.16   0.20   2.00     Tetrahydrocannabinol (A9-THC)   0.003   0.16   ND   ND     AB-tetrahydrocannabinol (A9-THC)   0.003   0.16   ND   ND     Cannabicyclol (CBL)   0.002   0.16   0.57   8.79     Cannabinol (CBL)   0.002   0.16   0.32   3.69     Cannabinolic Acid (THCA)   0.001   0.16   0.32   3.25     Total THC (TKG * 0.877 + A9THC )   -   0.26   0.87   3.69     Total CBC (CBG * 0.877 + A9THC )   -   0.26   0.32   3.25     Total THC (TKG * 0.877 + A9THC )   -   0.26   0.32   3.25     Total CBC (CBG * 0.877 + CBD)   -   12.07   120	Cannabidivarin (CBDV)	0.039	0.16	ND	ND
Cannabigerol (CBG)   0.001   0.16   0.26   2.61     Cannabigerol (CBG)   0.001   0.16   6.22   62.23     Tetrahydrocannabivarin (THCV)   0.001   0.16   ND   ND     Cannabiginol (CBN)   0.001   0.16   0.20   2.00     Tetrahydrocannabinol (A9-THC)   0.003   0.16   ND   ND     As-tetrahydrocannabinol (A9-THC)   0.002   0.16   ND   ND     Cannabigerol (CBL)   0.002   0.16   ND   ND     Cannabigerol (CBC)   0.002   0.16   ND   ND     Cannabigerol (CBC)   0.001   0.16   0.37   3.69     Cannabigerol (CBC)   0.001   0.16   0.32   3.25     Total THC (THCa 0.877 + A9THC)   2.027   120.67     Total THC (THCa 0.877 + A9THC + ABTHC)   120.77   120.67     Total CBD (CBD 0.597 + A9THC + ABTHC)   16.89   168.94     Total CBG (CBGa 0.597 + CBC)   116   11.57	Cannabidiolic Acid (CBDA)	0.001	0.16	12.17	121.68
Cannabidiol (CBD)   0.001   0.16   6.22   62.23     Tetrahydrocannabivarin (THCV)   0.001   0.16   ND   ND     Cannabidiol (QBN)   0.001   0.16   0.20   2.00     Tetrahydrocannabinol (A9-THC)   0.003   0.16   ND   ND     Ab-tetrahydrocannabinol (A9-THC)   0.003   0.16   8.79   8.79     Ab-tetrahydrocannabinol (A9-THC)   0.002   0.16   8.79   8.79     Cannabicyclol (CBL)   0.002   0.16   0.37   3.69     Cannabicyclo (CBC)   0.001   0.16   0.32   3.25     Total THC (THCa <sup>+</sup> 0.877 + 4.97HC)   12.067   12.067   120.67     Total THC (THCa <sup>+</sup> 0.877 + 4.97HC + Δ.81HC)   16.89   168.94     Total CBD (CBDa <sup>+</sup> 0.877 + CBD)   16.89   168.94     Total CBG (CBGa <sup>+</sup> 0.877 + CBD)   16.89   168.94	Cannabigerol Acid (CBGA)	0.001	0.16	1.02	10.22
Tetrahydrocanabivarin (THCV)     0.001     0.16     ND     ND       Cannabilor (DBN)     0.001     0.16     0.20     2.00       Tetrahydrocannabinol (Δ9-THC)     0.003     0.16     ND     ND       Δ8-tetrahydrocannabinol (Δ8-THC)     0.004     0.16     8.79     87.94       Cannabizolol (CBL)     0.004     0.16     ND     ND       Cannabizolol (CBL)     0.002     0.16     ND     ND       Cannabizolol (CBL)     0.002     0.16     0.37     3.69       Cannabizolol (Acit (THCA)     0.001     0.16     0.32     3.25       Total THC (THCa <sup>+</sup> 0.877 + Δ9THC + Δ8THC)     - <b>0.28</b> 7.26       Total CHD (CBD <sup>+</sup> 0.877 + Δ9THC + Δ8THC)     -     16.89     168.94       Total CBG (CBD <sup>+</sup> 0.877 + CBD)     -     16.89     168.94	Cannabigerol (CBG)	0.001	0.16	0.26	2.61
Cannabiani (CBN)     0.001     0.16     0.20     2.00       Tetrahydrocannabiani (Δ9-THC)     0.003     0.16     ND     ND       Δ8-tetrahydrocannabiani (Δ8-THC)     0.004     0.16     8.79     8.794       Cannabiani (Δ8-THC)     0.004     0.16     8.79     8.794       Cannabiani (Δ8-THC)     0.002     0.16     ND     ND       Cannabiani (CBL)     0.002     0.16     0.37     3.69       Cannabiani (CAC)     0.001     0.16     0.32     3.25       Tetrahydrocannabinoli CAcid (THCA)     0.001     0.16     0.32     3.25       Total THC (THCa <sup>+</sup> 0.877 + Δ9THC)     -     -     0.28     2.8       Total THC (THCa <sup>+</sup> 0.877 + Δ9THC + Δ8THC)     -     12.07     120.67       Total CBC (CBDa <sup>+</sup> 0.877 + CB)     -     16.89     168.94       Total CBC (CBDa <sup>+</sup> 0.877 + CB)     -     11.67     11.57	Cannabidiol (CBD)	0.001	0.16	6.22	62.23
Tetrahydrocannabinol (Δ9-THC)     0.003     0.16     ND     ND       Δ8-tetrahydrocannabinol (Δ8-THC)     0.004     0.16     8.79     87.94       Cannabicydol (CBL)     0.002     0.16     ND     ND       Cannabicydol (CBL)     0.002     0.16     ND     ND       Cannabicydol (CBL)     0.002     0.16     0.37     3.69       Cannabicydrocannabinolic Acid (THCA)     0.001     0.16     0.32     3.25       Total THC (THCa * 0.877 + Δ9THC)     2.84     7.84     8.75     3.89       Total THC (THCa * 0.877 + Δ9THC + Δ8THC)     120.67     120.67     120.67       Total CBG (CBGa * 0.877 + CBD)     16.89     168.94       Total CBG (CBGa * 0.877 + CBG)     11.67     11.57	Tetrahydrocannabivarin (THCV)	0.001	0.16	ND	ND
A8-tetrahydracannabiol (A8-THC) 0.004 0.16 8.79 87.94   Cannabicyclol (CBL) 0.002 0.16 ND ND   Cannabichramene (CBC) 0.002 0.16 0.37 3.69   Tetrahydracannabiol (Ad (THCA) 0.001 0.16 0.32 3.28   Total THC (THCa * 0.877 + A9THC) 2.07 120.67   Total CBD (CBDa * 0.877 + CBD) 16.89 168.94   Total CBG (CBGa * 0.877 + CBG) 11.67	Cannabinol (CBN)	0.001	0.16	0.20	2.00
Cannabicyclol (CBL)     0.002     0.16     ND     ND       Cannabicyclol (CBL)     0.002     0.16     0.37     3.69       Cannabicydrocannabinolic Acid (THCA)     0.001     0.16     0.32     3.25       Fordal THC (THCa * 0.877 + A9THC)     -     -     2.06     7     2.07     120.67       Tordal THC (THCa * 0.877 + A9THC)     -     -     12.07     120.67     168.94     168.94     168.94     168.94     168.94     11.57     11.57     11.67     11.57     11.67     11.57     <	Fetrahydrocannabinol (Δ9-THC)	0.003	0.16	ND	ND
Cannabic/rowne (CBC)     0.002     0.16     0.37     3.69       Tetrahydrocannabinolic Acid (THCA)     0.001     0.16     0.32     3.25       Total THC (THCa * 0.877 + Δ9THC)     -     -     0.28     2.8       Total THC (THCa * 0.877 + Δ9THC + Δ8THC)     12.07     120.67     120.67       Total CBC (CBDa * 0.877 + CBD)     -     16.89     186.94       Total CBC (CBGa * 0.877 + CBG)     11.67     11.57	Δ8-tetrahydrocannabinol (Δ8-THC)	0.004	0.16	8.79	87.94
Tetrahydrocannabinolic Acid (THCA)     0.001     0.16     0.32     3.25       Total THC (THCa * 0.877 + Δ9THC)     0.28     2.8     2.8     2.8     2.8     2.8     2.8     2.8     2.8     2.8     2.8     2.8     2.8     2.6     2.8 </td <td>Cannabicyclol (CBL)</td> <td>0.002</td> <td>0.16</td> <td>ND</td> <td>ND</td>	Cannabicyclol (CBL)	0.002	0.16	ND	ND
If Cdt ITHC ( THCa * 0.877 + Δ9THC ;     0.28     2.8       If odd ITHC ; A&THC ( THCa * 0.877 + Δ9THC ;     12.07     120.67       If odd ICBD ( CBDa * 0.877 + CBD )     16.89     168.94       If odd ICBG ( CBGa * 0.877 + CBG )     11.6     11.57	Cannabichromene (CBC)	0.002	0.16	0.37	3.69
Total THC + A8THC (THCa * 0.877 + A9THC + A8THC) 12.07 120.67   Total CBD (CBDa * 0.877 + CBG) 16.89 168.94   Total CBG (CBGa * 0.877 + CBG) 1.16 11.57	Tetrahydrocannabinolic Acid (THCA)	0.001	0.16	0.32	3.25
Total CBD ( CBDa * 0.877 + CBD )     16.89     168.94       Total CBG ( CBGa * 0.877 + CBG )     1.16     11.57	Гоtal THC ( тнса • 0.877 + <b>Д</b> 9тнс )			0.28	2.8
Total CBG ( CBGa * 0.877 + CBG ) 1.16 11.57	Total THC + Δ8THC ( THCa * 0.877 + Δ9THC + Δ8THC )			12.07	120.67
	Total CBD ( CBDa * 0.877 + CBD )			16.89	168.94
Total Cannabinoids 30.69 306.88	Total CBG ( CBGa * 0.877 + CBG )			1.16	11.57
	Total Cannabinoids			30.69	306.88

#### MWA - Moisture Content & Water Activity Analysis Anduzed Dec 20 2023 | Ir

Analyte	LOD %	LOQ %	Result	Limit	Analyte	LOD %	LOQ %	Result	Limit
Moisture (Moi)	0.0	0.0	6.8 % Mw	13 % Mw	Water Activity (WA)	0.03	0.03	0.49 a <sub>w</sub>	0.85 a <sub>w</sub>

UI Unidentified ND Not Detected NA Not Applicable NT Not Reported LOD Limit of Detection LOQ Limit of Quantification <LOQ Detected AUQ Detected >ULQL Above upper limit of linearity >ULQL Above upper limit of linearity CFU/Q colony forming Units per 1 gram TNTC Too Numerous to Count



Authorized Signature

Brandon Starr

Brandon Starr, Lab Manager Fri, 22 Dec 2023 14:52:03 -0800



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