## PharmLabs San Diego Certificate of Analysis

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## Sample Pina Express Delt-8 THC Pre-roll

Sample ID SD220722-020 (50024) Mat		Matrix Other (Other Cannabis Good)					
Tested for Eighty Six Brand							
Sampled -	Received Jul 21, 2022	Reported Jul 22, 2022					
Analyses executed C	AN+						

Laboratory note: The estimated concentration of the unknown peak in the sample is 1.59% | 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. Total (+/-) D8 Concentration is estimated to be 12.21%

## CAN+ - Cannabinoids Analysis

Analyzed Jul 22, 2022 | Instrument HPLC-VWD | Method SOP-001 Measurement Uncertainty at 95% confidence 7.806%

Cannabidivarin (CBDV)       0.039       0.16       0.03       0.30       0.30         Cannabidiolic Acid (CBDA)       0.001       0.16       0.05       0.53       0.53         Cannabigerol Acid (CBGA)       0.001       0.16       10.17       101.71       101.71         Cannabigerol (CBG)       0.001       0.16       0.70       6.98       6.98         Cannabidiol (CBD)       0.001       0.16       ND       ND       ND         Tetrahydrocannabivarin (THCV)       0.001       0.16       0.02       0.23       0.23         Cannabinol (CBN)       0.001       0.16       0.06       0.57       0.57         Tetrahydrocannabinol (Δ9-THC)       0.003       0.16       UI       UI       UI         Δ8-tetrahydrocannabinol (Δ8-THC)       0.004       0.16       10.62       106.23       106.23         Cannabicyclol (CBL)       0.002       0.16       ND       ND       ND         Cannabichromene (CBC)       0.002       0.16       ND       ND       ND         Cannabichromene (CBC)       0.002       0.16       0.33       3.26       3.26         Total THC (THCa * 0.877 + THC)       0.05       0.46       0.46 <td< th=""><th>Analyte</th><th>LOD mg/g</th><th>LOQ mg/g</th><th>Result %</th><th>Result mg/g</th><th>Result mg/Package</th></td<>	Analyte	LOD mg/g	LOQ mg/g	Result %	Result mg/g	Result mg/Package
Cannabigerol Acid (CBGA)         0.001         0.16         10.17         101.71         101.71           Cannabigerol (CBG)         0.001         0.16         0.70         6.98         6.98           Cannabidiol (CBD)         0.001         0.16         ND         ND         ND           Tetrahydrocannabivarin (THCV)         0.001         0.16         0.02         0.23         0.23           Cannabinol (CBN)         0.001         0.16         0.06         0.57         0.57           Tetrahydrocannabinol (Δ9-THC)         0.003         0.16         UI         UI         UI           Δ8-tetrahydrocannabinol (Δ8-THC)         0.004         0.16         10.62         106.23         106.23           Cannabicyclol (CBL)         0.002         0.16         ND         ND         ND           Cannabichromene (CBC)         0.002         0.16         ND         ND         ND           Catl THC (THCa * 0.877 + THC)         0.001         0.16         0.28         2.82         2.82           Total CBD (CBDa * 0.877 + CBD)         0.05         0.46         0.46           Total CBG (CBGa * 0.877 + CBG)         96.18         96.18	Cannabidivarin (CBDV)	0.039	0.16	0.03	0.30	0.30
Cannabigerol (CBG)         0.001         0.16         0.70         6.98         6.98           Cannabidiol (CBD)         0.001         0.16         ND         ND         ND           Tetrahydrocannabivarin (THCV)         0.001         0.16         0.02         0.23         0.23           Cannabinol (CBN)         0.001         0.16         0.06         0.57         0.57           Tetrahydrocannabinol (Δ9-THC)         0.003         0.16         UI         UI         UI           Δ8-tetrahydrocannabinol (Δ8-THC)         0.004         0.16         10.62         106.23         106.23           Cannabicyclol (CBL)         0.002         0.16         ND         ND         ND           Cannabichromene (CBC)         0.002         0.16         0.33         3.26         3.26           Tetrahydrocannabinolic Acid (THCA)         0.001         0.16         0.28         2.82         2.82           Total THC (THCa * 0.877 + THC)         0.25         2.47         2.47           Total CBD (CBDa * 0.877 + CBD)         0.05         0.46         0.46           Total CBG (CBGa * 0.877 + CBG)         96.18         96.18	Cannabidiolic Acid (CBDA)	0.001	0.16	0.05	0.53	0.53
Cannabidiol (CBD)         0.001         0.16         ND         ND         ND           Tetrahydrocannabivarin (THCV)         0.001         0.16         0.02         0.23         0.23           Cannabinol (CBN)         0.001         0.16         0.06         0.57         0.57           Tetrahydrocannabinol (Δ9-THC)         0.003         0.16         UI         UI         UI           Δ8-tetrahydrocannabinol (Δ8-THC)         0.004         0.16         10.62         106.23         106.23           Cannabicyclol (CBL)         0.002         0.16         ND         ND         ND           Cannabichromene (CBC)         0.002         0.16         0.33         3.26         3.26           Tetrahydrocannabinolic Acid (THCA)         0.001         0.16         0.28         2.82         2.82           Total THC (THCa * 0.877 + THC)         0.25         2.47         2.47           Total CBD (CBDa * 0.877 + CBD)         0.05         0.46         0.46           Total CBG (CBGa * 0.877 + CBG)         96.18         96.18         96.18	Cannabigerol Acid (CBGA)	0.001	0.16	10.17	101.71	101.71
Tetrahydrocannabivarin (THCV)       0.001       0.16       0.02       0.23       0.23         Cannabinol (CBN)       0.001       0.16       0.06       0.57       0.57         Tetrahydrocannabinol (Δ9-THC)       0.003       0.16       UI       UI       UI         Δ8-tetrahydrocannabinol (Δ8-THC)       0.004       0.16       10.62       106.23       106.23         Cannabicyclol (CBL)       0.002       0.16       ND       ND       ND         Cannabichromene (CBC)       0.002       0.16       0.33       3.26       3.26         Tetrahydrocannabinolic Acid (THCA)       0.001       0.16       0.28       2.82       2.82         Total THC (THCa * 0.877 + THC)       0.25       2.47       2.47         Total CBD (CBDa * 0.877 + CBD)       0.05       0.46       0.46         Total CBG (CBGa * 0.877 + CBG)       9.62       96.18       96.18	Cannabigerol (CBG)	0.001	0.16	0.70	6.98	6.98
Cannabinol (CBN)         0.001         0.16         0.06         0.57         0.57           Tetrahydrocannabinol (Δ9-THC)         0.003         0.16         UI         UI         UI           Δ8-tetrahydrocannabinol (Δ8-THC)         0.004         0.16         10.62         106.23         106.23           Cannabicyclol (CBL)         0.002         0.16         ND         ND         ND           Cannabichromene (CBC)         0.002         0.16         0.33         3.26         3.26           Tetrahydrocannabinolic Acid (THCA)         0.001         0.16         0.28         2.82         2.82           Total THC (THCa * 0.877 + THC)         0.25         2.47         2.47           Total CBD (CBDa * 0.877 + CBD)         0.05         0.46         0.46           Total CBG (CBGa * 0.877 + CBG)         9.62         96.18         96.18	Cannabidiol (CBD)	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       10.62       106.23       106.23         Cannabicyclol (CBL)       0.002       0.16       ND       ND       ND         Cannabichromene (CBC)       0.002       0.16       0.33       3.26       3.26         Tetrahydrocannabinolic Acid (THCA)       0.001       0.16       0.28       2.82       2.82         Total THC (THCa * 0.877 + THC)       0.25       2.47       2.47         Total CBD (CBDa * 0.877 + CBD)       0.05       0.46       0.46         Total CBG (CBGa * 0.877 + CBG)       96.18       96.18	Tetrahydrocannabivarin (THCV)	0.001	0.16	0.02	0.23	0.23
Δ8-tetrahydrocannabinol (Δ8-THC)  Cannabicyclol (CBL)  Cannabichromene (CBC)  Cannabichromene (CBC)  Cannabichromene (CBC)  Cannabichromene (CBC)  Tetrahydrocannabinolic Acid (THCA)  Total THC (THCa * 0.877 + THC)  Total CBD (CBDa * 0.877 + CBG)  O.004  O.16  O.16  O.28  O.28  O.25  O.46  O.46  O.46  Total CBG (CBGa * 0.877 + CBG)	Cannabinol (CBN)	0.001	0.16	0.06	0.57	0.57
Cannabicyclol (CBL)         0.002         0.16         ND         ND         ND           Cannabichromene (CBC)         0.002         0.16         0.33         3.26         3.26           Tetrahydrocannabinolic Acid (THCA)         0.001         0.16         0.28         2.82         2.82           Total THC (THCa * 0.877 + THC)         0.25         2.47         2.47           Total CBD (CBDa * 0.877 + CBD)         0.05         0.46         0.46           Total CBG (CBGa * 0.877 + CBG)         96.18         96.18         96.18	Tetrahydrocannabinol (Δ9-THC)	0.003	0.16	UI	UI	UI
Cannabichromene (CBC)         0.002         0.16         0.33         3.26         3.26           Tetrahydrocannabinolic Acid (THCA)         0.001         0.16         0.28         2.82         2.82           Total THC (THCa * 0.877 + THC)         0.25         2.47         2.47           Total CBD (CBDa * 0.877 + CBD)         0.05         0.46         0.46           Total CBG (CBGa * 0.877 + CBG)         9.62         96.18         96.18	$\Delta$ 8-tetrahydrocannabinol ( $\Delta$ 8-THC)	0.004	0.16	10.62	106.23	106.23
Tetrahydrocannabinolic Acid (THCA)         0.001         0.16         0.28         2.82         2.82           Total THC (THCa * 0.877 + THC)         0.25         2.47         2.47           Total CBD (CBDa * 0.877 + CBD)         0.05         0.46         0.46           Total CBG (CBGa * 0.877 + CBG)         9.62         96.18         96.18	Cannabicyclol (CBL)	0.002	0.16	ND	ND	ND
Total THC (THCa * 0.877 + THC)       0.25       2.47       2.47         Total CBD (CBDa * 0.877 + CBD)       0.05       0.46       0.46         Total CBG (CBGa * 0.877 + CBG)       9.62       96.18       96.18	Cannabichromene (CBC)	0.002	0.16	0.33	3.26	3.26
Total CBD (CBDa * 0.877 + CBD)       0.05       0.46       0.46         Total CBG (CBGa * 0.877 + CBG)       9.62       96.18       96.18	Tetrahydrocannabinolic Acid (THCA)	0.001	0.16	0.28	2.82	2.82
Total CBG (CBGa * 0.877 + CBG) 9.62 96.18 96.18	Total THC (THCa * 0.877 + THC)			0.25	2.47	2.47
	Total CBD (CBDa * 0.877 + CBD)			0.05	0.46	0.46
TOTAL CANNABINOIDS 20.97 209.71 209.71	Total CBG (CBGa * 0.877 + CBG)			9.62	96.18	96.18
	TOTAL CANNABINOIDS			20.97	209.71	209.71

## 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 Fri, 22 Jul 2022 15:43:20 -0700

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

