## PharmLabs San Diego Certificate of Analysis

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## Sample Astro Eight - HHC Cartridge - Purple Punch

Sample ID SD230111-011 (46582) Matrix		Matrix Concentrate (Inhalable Cannabis Good)
Tested for Astro 8		
Sampled -	Received Jan 10, 2022	Reported Jan 11, 2022

Analyses executed CAN14

Laboratory note: The sample highlighted in this COA contains three unidentified analytes believed to be isomers of HHC that were detected in the chromatogram. The concentration for total HHC is estimated to be 916 mg/g or 91.6%.

## CAN14 - Cannabinoids Analysis

Analyzed Jan 11, 2022 | Instrument HLPC

Analyte	LOD mg/g	LOQ mg/g	Result %	Result mg/g
Cannabidivarin (CBDV)	0.002	0.161	ND	ND
Cannabidiolic Acid (CBDA)	0.001	0.16	ND	ND
Cannabigerol Acid (CBGA)	0.001	0.16	ND	ND
Cannabidiol (CBD)	0.001	0.16	ND	ND
Cannabigerol (CBG)	0.001	0.16	ND	ND
Tetrahydrocannabivarin (THCV)	0.001	0.16	ND	ND
Cannabinol (CBN)	0.001	0.16	ND	ND
Tetrahydrocannabinol (Δ9-THC)	0.003	0.16	ND	ND
$\Delta 8$ -tetrahydrocannabinol ( $\Delta 8$ -THC)	0.004	0.16	ND	ND
(6aR,9S)- $\Delta$ 10-Tetrahydrocannabinol ((6aR,9S)- $\Delta$ 10)	0.13	0.42	ND	ND
(6aR,9R)- $\Delta$ 10-Tetrahydrocannabinol ((6aR,9R)- $\Delta$ 10)	0.12	0.39	ND	ND
Hexahydrocannabinol (HHC)			NT	NT
Cannabichromene (CBC)	0.002	0.16	ND	ND
Tetrahydrocannabinolic Acid (THCA)	0.001	0.16	ND	ND
THC-O-acetate (THC-O)	0.12	0.39	ND	ND
Total THC (THCa * 0.877 + THC)			ND	ND
Total CBD (CBDa * 0.877 + CBD)			ND	ND
Total CBG (CBGa * 0.877 + CBG)			2.65	26.50
TOTAL CANNABINOIDS			2.65	26.50

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









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Dr. Aaron Stancik, Laboratory Director Tue, 11 Jan 2022 19:43:11-0800



