



DEA No. RA0571996
FL License # CMTL-0003
CLIA No. 10D1094068

Certificate of Analysis

R&D

PENN'S RESERVE
101 S WASHINGTON ST
EAU CLAIRE, PA 16030

Batch # 2205b
Batch Date: 2023-01-02
Extracted From: Hemp

Test Reg State: Oregon

Production Facility: EC
Production Date: 2023-01-02

Order # PEN230102-010001
Order Date: 2023-01-02
Sample # AADX722

Sampling Date: 2023-01-09
Lab Batch Date: 2023-01-09
Completion Date: 2023-01-11

Initial Gross Weight: 26.987 g



Product Image

Potency
Tested

Delta 8/Delta 10 Potency 13 - (LCUV)

Tested
SOP13.052 (LCUV)

Specimen Weight: 206.210 mg

Analyte	LOD (%)	LOQ (%)	Result (mg/g)	(%)
CBGA	8.00E-5	0.0015	101.720	10.172
Delta-8 THC	2.60E-5	0.0015	17.570	1.757
CBG	2.48E-4	0.0015	14.510	1.451
Delta-9 THC	1.30E-5	0.1	2.920	0.292
CBC	1.80E-5	0.0015	2.390	0.239
CBN	1.40E-5	0.0015	0.220	0.022
THCA-A	3.20E-5	0.0015	0.160	0.016
CBDV	6.50E-5	0.0015	0.130	0.013
CBD	5.40E-5	0.0015	<LOQ	<LOQ
CBDA	1.00E-5	0.0015	<LOQ	<LOQ
Delta-10 THC	3.00E-6	0.0015	<LOQ	<LOQ
Delta6a10a-THC	8.47E-5	0.0015	<LOQ	<LOQ
THCV	7.00E-6	0.0015	<LOQ	<LOQ

Potency Summary

1.757%	Total Delta 8	<LOQ	-	Total Delta 10	None Detected
0.306%	Total Active THC	<LOQ	-	Total Active CBD	None Detected
10.372%	Total CBG	<LOQ	0.022%	Total CBN	<LOQ
0.252%	Other Cannabinoids	<LOQ	12.709%	Total Cannabinoids	<LOQ

Summary results above show the dry weight concentration

Xueli Gao
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Lab Toxicologist

Aixia Sun
D.H.Sc., M.Sc., B.Sc., MT (AAB)
Lab Director/Principal Scientist



Definitions and Abbreviations used in this report: Total Active CBD = CBD + (CBD-A * 0.877), *Total CBDV = CBDV + (CBDVA * 0.87), Total Active THC = THCA-A * 0.877 + Delta 9 THC, Total THCV = THCV + (THCVA * 0.87), CBG Total = (CBGA * 0.877) + CBG, CBN Total = (CBNA * 0.877) + CBN, Total CBC = CBC + (CBCA * 0.877), Total THC-O-Acetate = Delta 8 THC-O-Acetate + Delta 9 THC-O-Acetate, Other Cannabinoids Total = Total Cannabinoids - All the listed cannabinoids on the summary section, Total Detected Cannabinoids = Delta6a10a-THC + Delta8-THC + Total CBN + CBT + Delta8-THCV + Total CBG + Total CBD + Total THCV + CBL + Total THC + Total CBC + Total CBDV + Delta10-THC + Total THC-O-Acetate. (mg/ml) = Milligrams per Milliliter, LOQ = Limit of Quantitation, LOD = Limit of Detection, Dilution = Dilution Factor (ppb) = Parts per Billion, (%) = Percent, (cfu/g) = Colony Forming Unit per Gram (cfu/g) = Colony Forming Unit per Gram, LOD = Limit of Detection, (µg/g) = Microgram per Gram (ppm) = Parts per Million, (ppm) = (µg/g), (aw) = aw (area ratio) = Area Ratio, (mg/Kg) = Milligram per Kilogram, *Measurement of Uncertainty = +/- 10%

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