ACS LABORATORY | CANNABIS & HEMP BEYOND COMPLIANCE
721 Cortaro Dr.
Sun City Center, FL 33573

License No. 800025015
FL License # CMTL-0003
CLIA No. 10D1094068

582 UP
Sample Matrix: CBD/HEMP Derivative Products (Ingestion)

Certificate of Analysis

Compliance Test

Gaia Botanicals LLC
410 S. Arthur Avenue
Louisville, CO 80027

Batch # 582 UP
Batch Date: 2021-01-28
Extracted From: hemp

Test Reg State: Florida

Order # GAI210128-010013
Order Date: 2021-01-28
Sample # AAAY387

Sampling Date: 2021-01-29
Lab Batch Date: 2021-01-29
Completion Date: 2021-02-02

Initial Gross Weight: 41.964 g

Residual Solvents – FL (Gaia Botanicals)

Passed (GCMS)

Specimen Weight: 12.100 mg

Dilution Factor: 1.000

Analyte	LOQ (ppm)	Action Level (ppm)	Result (ppm)	Analyte	LOQ (ppm)	Action Level (ppm)	Result (ppm)
Acetone	100	5000	<LOQ	Acetonitrile	0.96	410	<LOQ
Benzene	1.6	1.6	<LOQ	Butanes	13.32	2000	<LOQ
Chloroform	53	53	<LOQ	Ethanol	100	5000	<LOQ
Ethyl Acetate	6.4	5000	<LOQ	Ethyl Ether	8	5000	<LOQ
Heptane	1.39	5000	<LOQ	Hexane	36.6	60	<LOQ
Isopropyl alcohol	100	5000	<LOQ	Methanol	87.9	3000	<LOQ
Pentane	200	5000	<LOQ	Toluene	38.4	890	<LOQ

Xueli Gao, Ph.D., DABT — 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 CBD = CBD + (CBD-A * 0.877), *Total THC = THCA-A * 0.877 + Delta 9 THC, *CBG Total = (CBGA * 0.877) + CBG, *CBN Total = (CBNA * 0.877) + CBN, *Other Cannabinoids Total = CBC + CBDV + THCV + THCV-A, *Total Detected Cannabinoids = CBD Total + CBG Total + CBN Total + THC Total + CBC + CBDV + THCV + THCV-A, *Analyte Details above show the Dry Weight Concentrations unless specified as 12% moisture concentration. (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

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