



Certificate of Analysis
Compliance Test

Client Information:

Stash House Hemp LLC
811 West New Orleans Street
suite 201
Broken Arrow, Oklahoma 74011
Order # STA240501-010001
Order Date: 2024-05-01
Sample # AAFN815

Batch # DROOL-HD9-TC-RECOVERY-D2430 Test Reg State: Florida
Batch Date: 2024-05-01
Extracted From: hemp

Production Facility: Stash House Hemp LLC
Production Date: 2024-05-01

Sampling Date: 2024-05-03 Initial Gross Weight: 72.422 g Number of Units: 1
Lab Batch Date: 2024-05-03 Net Weight: 29.458 g Net Weight per Unit: 29458.000 mg
Completion Date: 2024-05-07 Sampling Method: MSP 7.3.1



Potency Tested **Terpenes Tested** **Heavy Metals Passed** **Mycotoxins Passed** **Pesticides Passed**
Residual Solvents Passed **Pathogenic Microbiology Passed** **Microbiology (qPCR) Passed**

Product Image

Potency 10

Specimen Weight: 503.100 mg

Analyte	Dilution (1:n)	LOD (%)	LOQ (%)	Result		SOP13.001 (LCUV)
				(mg/g)	(%)	
CBD	50.000	5.40E-5	0.015	17.230	1.723	Pass
CBG	50.000	2.48E-4	0.015	17.150	1.715	Pass
Delta-9 THC	50.000	1.30E-5	0.015	16.140	1.614	Pass
CBC	50.000	1.80E-5	0.015	<LOQ	<LOQ	Pass
CBDA	50.000	1.00E-5	0.015	<LOQ	<LOQ	Pass
CBDV	50.000	6.50E-5	0.015	<LOQ	<LOQ	Pass
CBGA	50.000	8.00E-5	0.015	<LOQ	<LOQ	Pass
CBN	50.000	1.40E-5	0.015	<LOQ	<LOQ	Pass
THCA-A	50.000	3.20E-5	0.015	<LOQ	<LOQ	Pass
THCV	50.000	7.00E-6	0.015	<LOQ	<LOQ	Pass
Total Active CBD	50.000			17.230	1.723	Pass
Total Active THC	50.000			16.140	1.614	Pass

Tested

SOP13.001 (LCUV)

Potency Summary

Total Active THC 1.614% 475.452 mg	Total Active CBD 1.723% 507.561 mg
Total CBG 1.715% 505.205 mg	Total CBN None Detected
Other Cannabinoids None Detected	Total Cannabinoids 5.052% 1,488.218 mg

Terpenes Summary

Analyte	Result (mg/g)	(%)
Nerol	7.972	0.797%
Eucalyptol	7.012	0.701%
Linalool	2.976	0.298%
(R)-(+)-Limonene	0.393	0.039%
alpha-Pinene	0.337	0.034%
alpha-Phellandrene	0.216	0.022%
Gamma-Terpinene	0.141	0.014%
Hexahydrothymol	0.122	0.012%
Ocimene	0.096	0.01%

Total Terpenes: 1.927%

Detailed Terpenes Analysis is on the following page

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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 THC = 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, Total THCP = Delta8-THCP + Delta9-THCP, Other Cannabinoids Total = Total Cannabinoids - All the listed cannabinoids on the summary section, Total Detected Cannabinoids = Delta6a10a-THC + Delta8-THC + Total CBN + CBT + CBE + Delta8-THCV + Total CBG + Total CBD + Total THCV + CBL + Total THC + Total CBC + Total CBDV + Delta10-THC + Total THC-O-Acetate + Total THCP. (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, (µg/g) = Microgram per Gram, (ppm) = Parts per Million, (ppm) = (µg/g), (aw) = Water Activity, (mg/Kg) = Milligram per Kilogram. ACS uses simple acceptance criteria. Passed = Analyte/microbe is not detected or is at the level below the action limit per FL rule 64ER20-39, 5K-4.036, 5K-4.034. Failed = Analyte/microbe is at the level that equal or above the action limit per FL rule 64ER20-39, 5K-4.036, 5K-4.034 Sample not received via laboratory sampling. This report shall not be reproduced, without written approval, from ACS Laboratory The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. ACS Laboratory is accredited to the ISO/IEC 17025:2017 Standard.





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Completion Date: 2024-05-07

Initial Gross Weight: 72.422 g
Net Weight: 29.458 g

Number of Units: 1
Net Weight per Unit: 29458.000 mg
Sampling Method: MSP 7.3.1

Terpenes

Specimen Weight: 503.100 mg

Tested
SOP13.045 (GC/GCMS)

Dilution Factor: 20.000

Analyte	LOQ (%)	Result (mg/g)	(%)	Analyte	LOQ (%)	Result (mg/g)	(%)
Nerol	0.002	7.972	0.797	Camphors	0.006	<LOQ	<LOQ
Eucalyptol	0.002	7.012	0.701	Caryophyllene oxide	0.002	<LOQ	<LOQ
Linalool	0.002	2.976	0.298	cis-Nerolidol	0.002	<LOQ	<LOQ
(R)-(+)-Limonene	0.002	0.393	0.039	Farnesene	0.002	<LOQ	<LOQ
alpha-Pinene	0.002	0.337	0.034	Fenchone	0.002	<LOQ	<LOQ
alpha-Phellandrene	0.002	0.216	0.022	Fenchyl Alcohol	0.002	<LOQ	<LOQ
Gamma-Terpinene	0.002	0.141	0.014	Geraniol	0.002	<LOQ	<LOQ
Hexahydrothymol	0.002	0.122	0.012	Geranyl acetate	0.002	<LOQ	<LOQ
Ocimene	0.00033	0.096	0.010	Guaiol	0.002	<LOQ	<LOQ
(+)-Cedrol	0.002	<LOQ	<LOQ	Isoborneol	0.002	<LOQ	<LOQ
3-Carene	0.002	<LOQ	<LOQ	Isopulegol	0.002	<LOQ	<LOQ
alpha-Bisabolol	0.002	<LOQ	<LOQ	Pulegone	0.002	<LOQ	<LOQ
alpha-Cedrene	0.002	<LOQ	<LOQ	Sabinene	0.002	<LOQ	<LOQ
alpha-Humulene	0.002	<LOQ	<LOQ	Sabinene Hydrate	0.002	<LOQ	<LOQ
alpha-Terpinene	0.002	<LOQ	<LOQ	Terpinolene	0.002	<LOQ	<LOQ
beta-Myrcene	0.002	<LOQ	<LOQ	Total Terpeneol	0.00126	<LOQ	<LOQ
beta-Pinene	0.002	<LOQ	<LOQ	trans-Caryophyllene	0.002	<LOQ	<LOQ
Borneol	0.004	<LOQ	<LOQ	trans-Nerolidol	0.002	<LOQ	<LOQ
Camphene	0.002	<LOQ	<LOQ	Valencene	0.002	<LOQ	<LOQ

Total Yeast and Mold

Specimen Weight: 497.700 mg

Passed
SOP13.017 (qPCR)

Pathogenic Microbiology SAE (MicroArray)

Specimen Weight: 1007.100 mg

Passed
SOP13.019 (Micro Array)

Dilution Factor: 1.000

Analyte	Action Level (cfu/g)	Result (cfu/g)	Remark
Total Yeast/Mold	100000	<LOQ	Passed

Dilution Factor: 1.000

Analyte	Result (cfu/g)	Analyte	Result (cfu/g)
Aspergillus flavus	Absence in 1g	Aspergillus terreus	Absence in 1g
Aspergillus fumigatus	Absence in 1g	Salmonella	Absence in 1g
Aspergillus niger	Absence in 1g	STEC E. Coli	Absence in 1g

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Definitions are found on page 1

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Sampling Method: MSP 7.3.1



Heavy Metals

Specimen Weight: 248.520 mg

Passed

SOP13.048 (ICP-MS)

Dilution Factor: 201

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Arsenic (As)	4.83	100	1500	<LOQ	Lead (Pb)	11.76	100	500	<LOQ
Cadmium (Cd)	.64	100	500	<LOQ	Mercury (Hg)	.58	100	3000	<LOQ



Mycotoxins

Specimen Weight: 587.250 mg

Passed

SOP13.007 (LCMS)

Dilution Factor: 2.550

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Aflatoxin B1	3.0400E-1	6	20	<LOQ	Aflatoxin G2	2.7100E-1	6	20	<LOQ
Aflatoxin B2	7.7000E-2	6	20	<LOQ	Ochratoxin A	7.5400E-1	3.8	20	<LOQ
Aflatoxin G1	3.0400E-1	6	20	<LOQ					



Residual Solvents - FL (CBD)

Specimen Weight: 307.400 mg

Passed

SOP13.039 (GCMS)

Dilution Factor: 5000.000

Analyte	LOD (ppm)	LOQ (ppm)	Action Level (ppm)	Result (ppm)	Analyte	LOD (ppm)	LOQ (ppm)	Action Level (ppm)	Result (ppm)
1,1-Dichloroethene	0.0094	0.16	8	<LOQ	Heptane	0.0013	1.39	5000	<LOQ
1,2-Dichloroethane	0.0003	0.04	5	<LOQ	Hexane	0.068	1.17	290	<LOQ
Acetone	0.015	2.08	5000	<LOQ	Isopropyl alcohol	0.0048	1.39	500	<LOQ
Acetonitrile	0.06	1.17	410	<LOQ	Methanol	0.0005	0.69	3000	<LOQ
Benzene	0.0002	0.02	2	<LOQ	Methylene chloride	0.0029	2.43	600	<LOQ
Butanes	0.4167	2.5	2000	<LOQ	Pentane	0.037	2.08	5000	<LOQ
Chloroform	0.0001	0.04	60	<LOQ	Propane	0.031	5.83	2100	<LOQ
Ethanol	0.0021	2.78	5000	<LOQ	Toluene	0.0009	2.92	890	<LOQ
Ethyl Acetate	0.0012	1.11	5000	<LOQ	Total Xylenes	0.0001	2.92	2170	<LOQ
Ethyl Ether	0.0049	1.39	5000	<LOQ	Trichloroethylene	0.0014	0.49	80	<LOQ
Ethylene Oxide	0.0038	0.1	5	<LOQ					

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Pesticides **Passed**
Specimen Weight: 587.250 mg SOP13.007 (LCMS/GCMS)
Dilution Factor: 2.550

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Abamectin	2.8800E-1	28.23	300	<LOQ	Fludioxonil	1.7400E+0	48	3000	<LOQ
Acephate	2.3000E-2	30	3000	<LOQ	Hexythiazox	4.9000E-2	30	2000	<LOQ
Acequinocyl	9.5640E+0	48	2000	<LOQ	Imazalil	2.4800E-1	30	100	<LOQ
Acetamiprid	5.2000E-2	30	3000	<LOQ	Imidacloprid	9.4000E-2	30	3000	<LOQ
Aldicarb	2.6000E-2	30	100	<LOQ	Kresoxim Methyl	4.2000E-2	30	1000	<LOQ
Azoxystrobin	8.1000E-2	10	3000	<LOQ	Malathion	8.2000E-2	30	2000	<LOQ
Bifenazate	1.4150E+0	30	3000	<LOQ	Metalaxyl	8.1000E-2	10	3000	<LOQ
Bifenthrin	4.3000E-2	30	500	<LOQ	Methiocarb	3.2000E-2	30	100	<LOQ
Boscalid	5.5000E-2	10	3000	<LOQ	Methomyl	2.2000E-2	30	100	<LOQ
Captan	6.1200E+0	30	3000	<LOQ	methyl-Parathion	1.7100E+0	10	100	<LOQ
Carbaryl	2.2000E-2	10	500	<LOQ	Mevinphos	2.1500E+0	10	100	<LOQ
Carbofuran	3.4000E-2	10	100	<LOQ	Myclobutanil	1.0290E+0	30	3000	<LOQ
Chlorantraniliprole	3.3000E-2	10	3000	<LOQ	Naled	9.5000E-2	30	500	<LOQ
Chlordane	1.0000E+1	10	100	<LOQ	Oxamyl	2.5000E-2	30	500	<LOQ
Chlorfenapyr	3.4000E-2	30	100	<LOQ	Paclobutrazol	6.5000E-2	30	100	<LOQ
Chloromequat Chloride	1.0800E-1	10	3000	<LOQ	Pentachloronitrobenzene	1.3200E+0	10	200	<LOQ
Chlorpyrifos	3.5000E-2	30	100	<LOQ	Permethrin	3.4300E-1	30	1000	<LOQ
Clofentezine	1.1900E-1	30	500	<LOQ	Phosmet	8.2000E-2	30	200	<LOQ
Coumaphos	3.7700E+0	48	100	<LOQ	Piperonylbutoxide	2.9000E-2	30	3000	<LOQ
Cyfluthrin	3.1100E+0	30	1000	<LOQ	Prallethrin	7.9800E-1	30	400	<LOQ
Cypermethrin	1.4490E+0	30	1000	<LOQ	Propiconazole	7.0000E-2	30	1000	<LOQ
Daminozide	8.8500E-1	30	100	<LOQ	Propoxur	4.6000E-2	30	100	<LOQ
Diazinon	4.4000E-2	30	200	<LOQ	Pyrethrins	2.3593E+1	30	1000	<LOQ
Dichlorvos	2.1820E+0	30	100	<LOQ	Pyridaben	3.2000E-2	30	3000	<LOQ
Dimethoate	2.1000E-2	30	100	<LOQ	Spinetoram	8.0000E-2	10	3000	<LOQ
Dimethomorph	5.8300E+0	48	3000	<LOQ	Spinosad	8.8000E-2	30	3000	<LOQ
Ethoprophos	3.6000E-1	30	100	<LOQ	Spiromesifen	2.6100E-1	30	3000	<LOQ
Etofenprox	1.1600E-1	30	100	<LOQ	Spirotetramat	8.9000E-2	30	3000	<LOQ
Etoxazole	9.5000E-2	30	1500	<LOQ	Spiroxamine	1.3100E-1	30	100	<LOQ
Fenhexamid	5.1000E-1	10	3000	<LOQ	Tebuconazole	6.7000E-2	30	1000	<LOQ
Fenoxycarb	1.0700E-1	30	100	<LOQ	Thiacloprid	6.4000E-2	30	100	<LOQ
Fenpyroximate	1.3800E-1	30	2000	<LOQ	Thiamethoxam	5.0000E-2	30	1000	<LOQ
Fipronil	1.0700E-1	30	100	<LOQ	Trifloxystrobin	3.7000E-2	30	3000	<LOQ
Fonicamid	5.1700E-1	30	2000	<LOQ					

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