

Universal Hemp Panel

ANALYZED BY:

Anresco Laboratories
1375 Van Dyke Avenue,
San Francisco, CA 94124
DEA# PA0202945

CUSTOMER:

Pamos Hemp LLC
3007 Washington blvd suite 220
Marina DEL REY, CA 90292

MANUFACTURER:

Copperhead Brewing Co.
11695 Crossroads Cir Suite A
Middle River 21220
Maryland License#: PT0016302



SAMPLE INFORMATION

Sample No.: 1425556
Product Name: PMS-LIIT-10-81
Matrix: Edible (Beverage)
Lot #: 81
PO #: Pooler6/30/26

Date Collected: 07/02/2026
Date Received: 07/06/2026
Date Reported: 07/15/2026
Expiration Date: 06/30/2027

TEST SUMMARY

Cannabinoid Profile: ✔ Tested
Pesticide Residue Screen: ✔ Pass
Heavy Metal Screen: ✔ Pass
Mycotoxin Screen: ✔ Pass

Microbiological Screen: ✔ Pass
Residual Solvent Screen: ✔ Pass
Foreign Material: ✔ Pass

Customer Comment(s):

The batch was processed in a facility that holds a current and valid permit issued by a human health or food safety regulatory entity with authority over the facility, and that facility meets the human health or food safety sanitization requirements of the regulatory entity.

Cannabinoid Profile ✔ Tested

07/08/2026

Method: MF-CHEM-15
Instrument: Liquid Chromatography Diode Array Detector (LC-DAD)
Limit of Detection: 0.0008 mg/g
Limit of Quantitation: 0.0025 mg/g
Measurement of Uncertainty Average: ±6.3%

Cannabinoid	mg/g	%	mg/ml	mg/serving	mg/package	Labeled mg/serving	% Difference
Δ8-THC	ND	ND	ND	ND	ND	-	-
Δ9-THC	0.0313	0.00313	0.0319	11.31	11.31	10	13.09
Δ9-THCA	ND	ND	ND	ND	ND	-	-
THCV	ND	ND	ND	ND	ND	-	-
THCVA	ND	ND	ND	ND	ND	-	-
CBD	0.0058	0.00058	0.0059	2.10	2.10	2	4.78
CBDA	ND	ND	ND	ND	ND	-	-
CBC	ND	ND	ND	ND	ND	-	-
CBCA	ND	ND	ND	ND	ND	-	-
CBDV	ND	ND	ND	ND	ND	-	-
CBG	ND	ND	ND	ND	ND	-	-
CBGA	ND	ND	ND	ND	ND	-	-
CBN	ND	ND	ND	ND	ND	-	-
Exo-THC	ND	ND	ND	ND	ND	-	-
(6aR,9R)-Δ10-THC	ND	ND	ND	ND	ND	-	-
(6aR,9S)-Δ10-THC	ND	ND	ND	ND	ND	-	-
9(R)-Hexahydrocannabinol	ND	ND	ND	ND	ND	-	-
9(S)-Hexahydrocannabinol	ND	ND	ND	ND	ND	-	-
Δ8-THC-O-Acetate	ND	ND	ND	ND	ND	-	-
Δ9-THC-O-Acetate	ND	ND	ND	ND	ND	-	-
THC-O-Phosphate	NT	NT	NT	NT	NT	-	-
Δ8-THCP	ND	ND	ND	ND	ND	-	-
Δ9-THCP	ND	ND	ND	ND	ND	-	-

Cannabinoid	mg/g	%	mg/ml	mg/serving	mg/package	Labeled mg/serving	% Difference
Total Δ9-THC	0.0313	0.00313	0.0319	11.31	11.31	-	-
Total THC	0.0313	0.00313	0.0319	11.31	11.31	-	-
Total CBD	0.0058	0.00058	0.0059	2.10	2.10	-	-
Total Cannabinoids	0.0371	0.00371	0.0378	13.40	13.40	-	-
Sum of Cannabinoids	0.0371	0.00371	0.0378	13.40	13.40	-	-
Serving Weight (g)	361.3190						
Package Weight (g)	361.319						
g/ml Conversion Factor	1.0178						

Total Δ9-THC = Δ9-THC + (0.877 * THCA)

Total THC = Δ8-THC + Δ9-THC + (0.877 * THCA)

Total CBD = CBD + (0.877 * CBDA)

Total Cannabinoids = Σ (neutral cannabinoids) + [0.877 * Σ (acidic cannabinoids)]

Microbiological Screen ✓ Pass

07/10/2026

Analyte	Findings	Units	Method	Limit	Status
Campylobacter	ND	/25g	MDS Campylobacter	ND	Pass
Salmonella	ND	/25g	AOAC 2016.01	ND	Pass
STEC	ND	/25g	MF-MICRO-18	ND	Pass
Aspergillus flavus	ND	/25g	MF-MICRO-14	ND	Pass
Aspergillus fumigatus	ND	/25g	MF-MICRO-14	ND	Pass
Aspergillus niger	ND	/25g	MF-MICRO-14	ND	Pass
Aspergillus terreus	ND	/25g	MF-MICRO-14	ND	Pass
Listeria Species	ND	/25g	AOAC 2016.07	ND	Pass
Total Aerobic Plate Count	0/10	cfu/g	FDA BAM	100000	Pass
Total Coliforms	0/10	cfu/g	FDA BAM - ECC Agar	100	Pass
E. Coli	ND	/1g	FDA BAM Modified	ND	Pass
Total Enterobacteriaceae	<1	cfu/g	AOAC 2003.01	ND	Pass
Staphylococcus aureus	<1	cfu/g	AOAC 2003.07	ND	Pass
Bile-Tolerant Gram-Negative Bacteria	<1	cfu/g	AOAC 2003.01	ND	Pass
Total Yeast and Mold	<1	cfu/g	AOAC 2014.05	10000	Pass
Yersinia	ND	/25g	foodproof® Yersinia	ND	Pass

Pesticide Residue Screen ✓ Pass

07/15/2026

Instrument: Liquid Chromatography Tandem Mass Spectrometry (LC-MS/MS) & Gas Chromatography Tandem Mass Spectrometry (GC-MS/MS)

Analyte	LOD/LOQ (µg/g)	Findings (µg/g)	Limit (µg/g)	Status
Abamectin	0.04/0.10	ND	0.1	Pass
Acephate	0.02/0.06	ND	0.06	Pass
Acequinocyl	0.04/0.10	ND	0.1	Pass
Acetamiprid	0.017/0.05	ND	0.05	Pass
Aldicarb	0.02/0.06	ND	0.06	Pass
Azoxystrobin	0.02/0.06	<LOD (0.008)	0.06	Pass
Bifenazate	0.02/0.06	ND	0.06	Pass
Bifenthrin	0.04/0.10	ND	0.1	Pass
Boscalid	0.02/0.06	ND	0.06	Pass
Captan	0.20/0.60	ND	0.7	Pass
Carbaryl	0.02/0.06	ND	0.06	Pass
Carbofuran	0.017/0.05	ND	0.05	Pass
Chlorantraniliprole	0.02/0.06	ND	0.06	Pass
Chlordane	0.02/0.06	ND	0.06	Pass
Chlorfenapyr	0.02/0.06	ND	0.06	Pass
Chlorpyrifos	0.02/0.06	ND	0.06	Pass
Clofentezine	0.02/0.06	ND	0.1	Pass
Coumaphos	0.02/0.06	ND	0.06	Pass
Cyfluthrin	0.04/0.10	ND	0.1	Pass
Cypermethrin	0.04/0.10	ND	0.1	Pass
Daminozide	0.017/0.05	ND	0.05	Pass
DDVP (Dichlorvos)	0.013/0.04	ND	0.04	Pass
Diazinon	0.017/0.05	ND	0.05	Pass
Dimethoate	0.017/0.05	ND	0.05	Pass
Dimethomorph	0.017/0.05	ND	0.05	Pass
Ethoprop(hos)	0.02/0.06	ND	0.06	Pass
Etofenprox	0.02/0.06	ND	0.06	Pass
Etoxazole	0.02/0.06	ND	0.06	Pass
Fenhexamid	0.017/0.05	ND	0.05	Pass
Fenoxycarb	0.02/0.06	ND	0.06	Pass
Fenpyroximate	0.02/0.06	ND	0.1	Pass

Analyte	LOD/LOQ (µg/g)	Findings (µg/g)	Limit (µg/g)	Status
Fipronil	0.02/0.06	ND	0.06	Pass
Flonicamid	0.02/0.06	ND	0.06	Pass
Fludioxonil	0.02/0.06	ND	0.06	Pass
Hexythiazox	0.02/0.06	ND	0.06	Pass
Imazalil	0.02/0.06	ND	0.06	Pass
Imidacloprid	0.02/0.06	<LOQ (0.020)	0.06	Pass
Kresoxim Methyl	0.02/0.06	ND	0.06	Pass
Malathion	0.017/0.05	ND	0.05	Pass
Metalaxyl	0.017/0.05	ND	0.05	Pass
Methiocarb	0.02/0.06	ND	0.06	Pass
Methomyl	0.013/0.04	ND	0.04	Pass
Methyl parathion	0.02/0.06	ND	0.06	Pass
Mevinphos	0.02/0.06	ND	0.06	Pass
Myclobutanil	0.02/0.06	ND	0.06	Pass
Naled	0.02/0.05	ND	0.1	Pass
Oxamyl	0.013/0.04	ND	0.04	Pass
Paclobutrazol	0.02/0.06	ND	0.06	Pass
Pentachloronitrobenzene	0.02/0.05	ND	0.1	Pass
Permethrins	0.04/0.10	ND	0.1	Pass
Phosmet	0.02/0.06	ND	0.06	Pass
Piperonyl Butoxide	0.017/0.05	ND	0.05	Pass
Prallethrin	0.04/0.10	ND	0.1	Pass
Propiconazole	0.02/0.06	ND	0.06	Pass
Propoxur	0.013/0.04	ND	0.04	Pass
Pyrethrins	0.15/0.50	ND	0.5	Pass
Pyridaben	0.017/0.05	ND	0.05	Pass
Spinetoram	0.02/0.06	ND	0.06	Pass
Spinosad	0.02/0.06	ND	0.1	Pass
Spiromesifen	0.04/0.10	ND	0.1	Pass
Spirotetramat	0.02/0.06	ND	0.06	Pass
Spiroxamine	0.017/0.05	ND	0.05	Pass
Tebuconazole	0.02/0.06	ND	0.06	Pass
Thiacloprid	0.013/0.04	ND	0.04	Pass
Thiamethoxam	0.02/0.06	ND	0.06	Pass
Trifloxystrobin	0.02/0.06	ND	0.06	Pass

Residual Solvent Screen ✔ Pass

07/10/2026

Method: MF-CHEM-32

Measurement of Uncertainty Average: ±1.43%

Analyte	LOD/LOQ (µg/g)	Findings (µg/g)	Limit (µg/g)	Status
Propane	67/200	ND	210	Pass
(+/-)-2-Butanol	13.3/40	ND	5000	Pass
1,1-Dichloroethene	2/4	ND	8	Pass
1,2-Dichloroethane	0.2/0.5	ND	5	Pass
1,4-Dioxane	13.3/40	ND	30	Pass
2-Ethoxyethanol	13.3/40	ND	160	Pass
Acetone	67/200	ND	500	Pass
Acetonitrile	67/200	ND	410	Pass
Benzene	0.2/0.5	ND	1	Pass
Chloroform	0.2/0.5	ND	2	Pass
Cumene	13.3/40	ND	70	Pass
Cyclohexane	13.3/40	ND	3880	Pass
Ethanol	67/200	569.00	5000	Pass
Ethyl acetate	67/200	ND	1000	Pass
Ethyl ether	67/200	ND	5000	Pass
Ethylene Glycol	13.3/40	ND	620	Pass
Ethylene oxide	0.2/0.5	ND	5	Pass
n-Heptane	67/200	ND	500	Pass
Isopropyl Acetate	13.3/40	ND	5000	Pass
Isopropyl alcohol	67/200	ND	500	Pass
Methanol	67/200	ND	500	Pass
Methylene chloride	0.2/0.5	ND	600	Pass
Toluene	67/200	ND	53	Pass
Tetrahydrofuran	13.3/40	ND	720	Pass
Trichloroethene	13.3/40	ND	80	Pass
Isobutane	6.7/20	ND	-	See Total Butanes
n-Butane	67/200	ND	-	See Total Butanes
Total Butanes	6.7/40	ND	500	Pass
2,2-Dimethylbutane	2.7/8	ND	-	See Total Hexanes
2,3-Dimethylbutane	2.7/8	ND	-	See Total Hexanes
2-Methylpentane	2.7/8	ND	-	Pass
3-Methylpentane	2.7/8	ND	-	Pass
n-Hexane	67/200	ND	-	See Total Hexanes
Total Hexanes	2.7/8	ND	18	Pass
2 Methylbutane	4.4/13.34	ND	-	See Total Pentanes
Neopentane	4.4/13.34	ND	-	See Total Pentanes
n-Pentane	67/200	ND	-	See Total Pentanes
Total Pentanes	4.4/13.34	ND	500	Pass
Ethylbenzene	3.3/10	ND	-	See Total Xylenes
m+p-Xylene	6.7/20	ND	-	See Total Xylenes
o-Xylene	3.3/10	ND	-	See Total Xylenes
Total Xylenes	67/200	ND	217	Pass

Heavy Metal Screen ✔ Pass

07/10/2026

Method: MF-CHEM-16

Instrument: Inductively Coupled Plasma Mass Spectrometry (ICP-MS)

Measurement of Uncertainty Average: ±4.4%

Analyte	LOD / LOQ (µg/g)	Findings (µg/g)	Limit	Status
Arsenic	0.033/0.101	ND	0.2	Pass
Cadmium	0.047/0.141	ND	0.2	Pass
Mercury	0.014/0.05	ND	0.1	Pass
Lead	0.107/0.324	ND	0.5	Pass

Foreign Material ✔ Pass

07/10/2026

Method: MF-CHEM-7

Analyte	Findings	Limit	Status
Sand, Soils, Cinders, and Dirt	ND	25%	Pass
Mold	ND	25%	Pass
Imbedded Foreign Material	ND	25%	Pass
Insect Fragment	ND	1 per 3g	Pass
Hair	ND	1 per 3g	Pass
Mammalian Excreta	ND	1 per 3g	Pass

Mycotoxin Screen ✔ Pass

07/15/2026

Instrument: Liquid Chromatography Tandem Mass Spectrometry (LC-MS/MS) & Gas Chromatography Tandem Mass Spectrometry (GC-MS/MS)

Analyte	LOD/LOQ (µg/kg)	Findings (µg/kg)	Limit (µg/kg)	Status
Aflatoxin B1	2/5	ND	20	Pass
Aflatoxin B2	2/5	ND	20	Pass
Aflatoxin G1	2/5	ND	20	Pass
Aflatoxin G2	2/5	ND	20	Pass
Ochratoxin A	6/18	ND	20	Pass

ND = None Detected
LOD = Limit of Detection
LOQ = Limit of Quantitation

Reported by




Vu Lam
Lab Co Director



Scan to verify

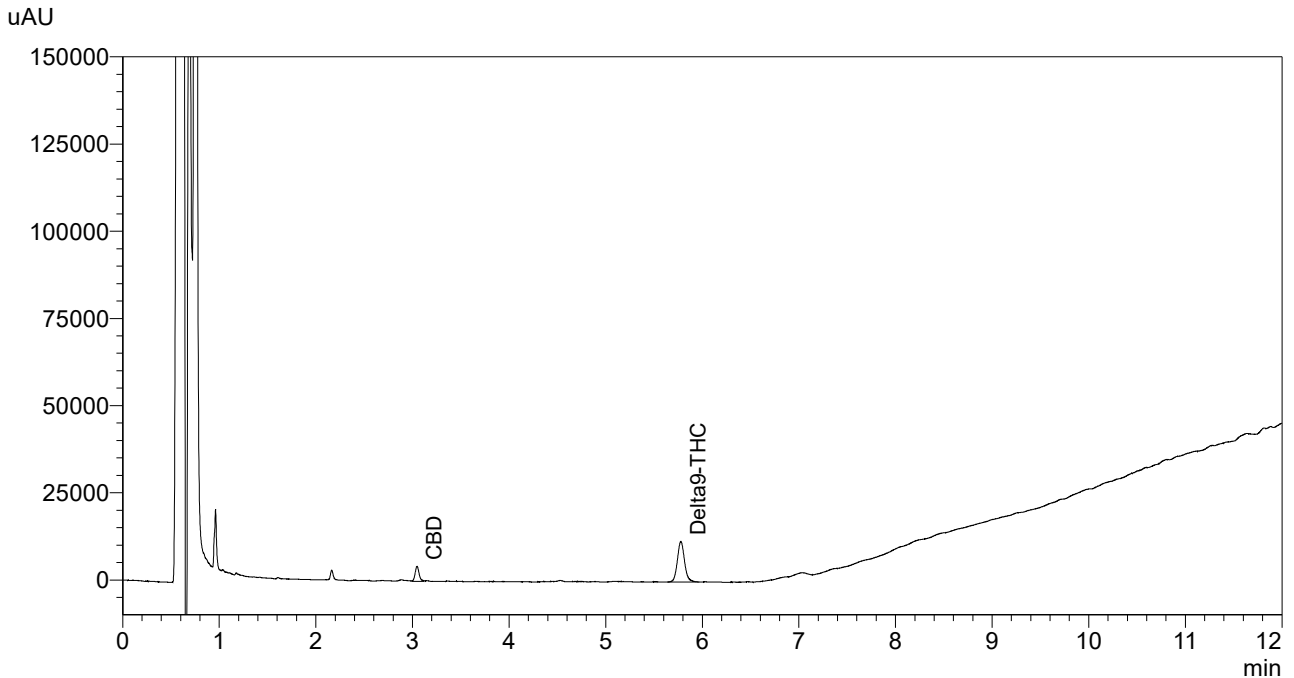
Cannabis Potency Report

<Sample Information>

Sample Name : 1425556A 2.5x
Sample ID : run016
Data Filename : 1425556A 2.5x_run016_001.lcd
Method Filename : CanEX1_260505_CP5-26,27.lcm
Batch Filename : 07-07-2026 processed.lcb
Vial # : 1-9
Injection Volume : 5 uL
Date Acquired : 7/7/2026 2:55:30 PM
Date Processed : 7/8/2026 12:29:58 AM
Sample Amount : 4.0306 grams
Dilution Factor : 10

Sample Type : Unknown
Acquired by : System Administrator
Processed by : System Administrator

<Cannabinoid Chromatogram>



<Peak Table>

PDA Ch1 228nm

Peak#	Ret. Time	Name	Area	Height	Conc.	Unit
1	3.047	CBD	12420	4247	0.0059	mg/g
2	5.778	Delta9-THC	59481	11545	0.0312	mg/g

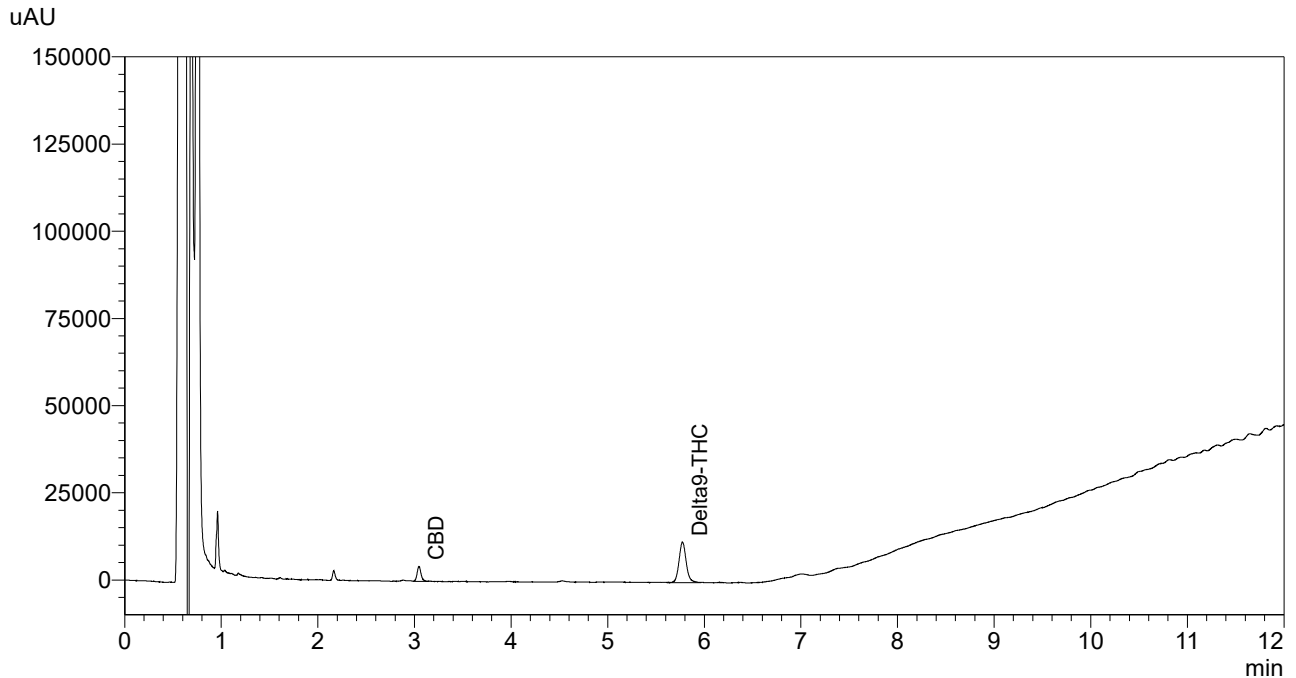
Cannabis Potency Report

<Sample Information>

Sample Name : 1425556B 2.5x
Sample ID : run017
Data Filename : 1425556B 2.5x_run017_002.lcd
Method Filename : CanEX1_260505_CP5-26,27.lcm
Batch Filename : 07-07-2026 processed.lcb
Vial # : 1-10
Injection Volume : 5 uL
Date Acquired : 7/7/2026 3:08:50 PM
Date Processed : 7/8/2026 12:30:17 AM
Sample Amount : 4.0153 grams
Dilution Factor : 10

Sample Type : Unknown
Acquired by : System Administrator
Processed by : System Administrator

<Cannabinoid Chromatogram>



<Peak Table>

PDA Ch1 228nm

Peak#	Ret. Time	Name	Area	Height	Conc.	Unit
1	3.046	CBD	11909	4200	0.0057	mg/g
2	5.774	Delta9-THC	59789	11546	0.0315	mg/g