

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.: 1435091
Product Name: PMS-SPRD-76
Matrix: Edible (Beverage)
Lot #: 76
PO #: Pooler8/6/26

Date Collected: 08/10/2026
Date Received: 08/10/2026
Date Reported: 08/27/2026
Expiration Date: 08/06/2027

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

Cannabinoid Profile ✔ Tested

08/12/2026

Method: MF-CHEM-15
Instrument: Liquid Chromatography Diode Array Detector (LC-DAD)
Limit of Detection: 0.0033 mg/g
Limit of Quantitation: 0.0100 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	0.246	0.252	0.0246	11.08	177.29	10	10.81
Δ9-THCA	ND	ND	ND	ND	ND	-	-
THCV	ND	ND	ND	ND	ND	-	-
THCVA	ND	ND	ND	ND	ND	-	-
CBD	0.045	0.046	0.0045	2.04	32.62	2	1.94
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	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	-	-
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	-	-
Total Δ9-THC	0.246	0.252	0.0246	11.08	177.29	-	-
Total THC	0.246	0.252	0.0246	11.08	177.29	-	-
Total CBD	0.045	0.046	0.0045	2.04	32.62	-	-
Total Cannabinoids	0.291	0.298	0.0291	13.12	209.91	-	-
Sum of Cannabinoids	0.291	0.298	0.0291	13.12	209.91	-	-

Cannabinoid	mg/g	mg/ml	%	mg/serving	mg/package	Labeled mg/serving	% Difference
Serving Weight (g)	45.0076						
Package Weight (g)	720.1216						
g/ml Conversion Factor	1.0229						

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

08/27/2026

Measurement of Uncertainty Average: APC ±35.6%, Y&M ±31.3%

Analyte	Findings	Units	Method	Limit	Status
Yersinia	ND	/25g	foodproof® Yersinia	ND	Pass
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 2003.07	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	CMMEF - VRBG Agar	ND	Pass
Staphylococcus aureus	<1	cfu/g	AOAC 2003.07	ND	Pass
Bile-Tolerant Gram-Negative Bacteria	<1	cfu/g	CMMEF - VRBG Agar	ND	Pass
Total Yeast and Mold	0/10	cfu/g	FDA BAM	10000	Pass

Pesticide Residue Screen ✓ Pass

08/15/2026

Method: MF-CHEM-13

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

Measurement of Uncertainty Average: ±21.40%

Analyte	LOD/LOQ (ppm)	Findings (ppm)	Limit (ppm)	Status
Abamectin	0.015/0.05	ND	0.05	Pass
Acephate	0.003/0.01	ND	0.01	Pass
Acequinocyl	0.003/0.01	ND	0.01	Pass
Acetamiprid	0.003/0.01	ND	0.01	Pass
Aldicarb	0.003/0.01	ND	0.01	Pass
Azoxystrobin	0.003/0.01	ND	0.01	Pass
Bifenazate	0.003/0.01	ND	0.01	Pass
Bifenthrin	0.003/0.01	ND	0.01	Pass
Boscalid	0.003/0.01	ND	0.01	Pass
Captan	0.250/0.7	ND	0.7	Pass
Carbaryl	0.003/0.01	ND	0.01	Pass
Carbofuran	0.003/0.01	ND	0.01	Pass
Chlorantraniliprole	0.003/0.01	ND	0.01	Pass
Chlordane	0.020/0.06	ND	0.06	Pass
Chlorfenapyr	0.015/0.05	ND	0.05	Pass
Chlorpyrifos	0.003/0.01	ND	0.01	Pass
Clofentezine	0.003/0.01	ND	0.01	Pass
Coumaphos	0.003/0.01	ND	0.01	Pass
Cyfluthrin	0.015/0.05	ND	0.05	Pass
Cypermethrin	0.015/0.05	ND	0.05	Pass
Daminozide	0.003/0.01	ND	0.01	Pass
DDVP (Dichlorvos)	0.003/0.01	ND	0.01	Pass
Diazinon	0.003/0.01	ND	0.01	Pass
Dimethoate	0.003/0.01	ND	0.01	Pass
Dimethomorph	0.003/0.01	ND	0.01	Pass
Ethoprop(hos)	0.003/0.01	ND	0.01	Pass
Etofenprox	0.003/0.01	ND	0.01	Pass
Etoxazole	0.003/0.01	ND	0.01	Pass
Fenhexamid	0.007/0.02	ND	0.02	Pass
Fenoxycarb	0.003/0.01	ND	0.01	Pass

Analyte	LOD/LOQ (ppm)	Findings (ppm)	Limit (ppm)	Status
Fenpyroximate	0.007/0.02	ND	0.02	Pass
Fipronil	0.003/0.01	ND	0.01	Pass
Flonicamid	0.003/0.01	ND	0.01	Pass
Fludioxonil	0.003/0.01	ND	0.01	Pass
Hexythiazox	0.003/0.01	ND	0.01	Pass
Imazalil	0.003/0.01	<LOQ (0.009)	0.01	Pass
Imidacloprid	0.003/0.01	ND	0.01	Pass
Kresoxim Methyl	0.003/0.01	ND	0.01	Pass
Malathion	0.003/0.01	ND	0.01	Pass
Metaxyl	0.003/0.01	ND	0.01	Pass
Methiocarb	0.003/0.01	ND	0.01	Pass
Methomyl	0.003/0.01	ND	0.01	Pass
Methyl parathion	0.003/0.01	ND	0.01	Pass
Mevinphos	0.007/0.02	ND	0.02	Pass
Myclobutanil	0.003/0.01	ND	0.01	Pass
Naled	0.003/0.01	ND	0.01	Pass
Oxamyl	0.003/0.01	ND	0.01	Pass
Paclobutrazol	0.003/0.01	ND	0.01	Pass
Pentachloronitrobenzene	0.003/0.01	ND	0.01	Pass
Permethrins	0.015/0.05	ND	0.05	Pass
Phosmet	0.003/0.01	ND	0.01	Pass
Piperonyl Butoxide	0.003/0.01	ND	0.01	Pass
Prallethrin	0.015/0.05	ND	0.05	Pass
Propiconazole	0.003/0.01	ND	0.01	Pass
Propoxur	0.003/0.01	ND	0.01	Pass
Pyrethrins	0.015/0.05	ND	0.05	Pass
Pyridaben	0.003/0.01	ND	0.01	Pass
Spinetoram	0.003/0.01	ND	0.01	Pass
Spinosad	0.003/0.01	ND	0.01	Pass
Spiromesifen	0.003/0.01	ND	0.01	Pass
Spirotetramat	0.003/0.01	ND	0.01	Pass
Spiroxamine	0.003/0.01	ND	0.01	Pass
Tebuconazole	0.003/0.01	ND	0.01	Pass
Thiacloprid	0.003/0.01	ND	0.01	Pass
Thiamethoxam	0.003/0.01	ND	0.01	Pass
Trifloxystrobin	0.003/0.01	ND	0.01	Pass
Azadirachtin	0.100/0.30	ND	0.3	Pass
Chloromequat Chloride	0.03/0.10	ND	0.1	Pass
MGK 264	0.03/0.10	ND	0.1	Pass

Residual Solvent Screen ✓ Pass

08/14/2026

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	<LOQ	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	1870.00	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

08/14/2026

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

08/14/2026

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

08/15/2026

Method: MF-CHEM-13

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

Measurement of Uncertainty (MU): ±20.21%

Analyte	LOD/LOQ (ppb)	Findings (ppb)	Limit (ppb)	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
Total Aflatoxins	8/20	ND	20	Pass
Ochratoxin A	2/5	ND	20	Pass

F.S. § 581.217 & FDACS Rule § 5K-4.034 Manufacturer Attestation: Per manufacturer attestation, this batch was processed in a facility holding a valid health or food safety permit and meets all relevant sanitation requirements. Pursuant to Rule § 5K-4.034, the manufacturer maintains these permits and facility inspection records to provide upon request. Verifying this documentation falls outside the scope of the lab's analytical testing.

Report Comment(s): Micro Screen and Yeast & Mold tests were conducted on a subsequently submitted sample (1437696).

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

Reported by




Vu Lam
Lab Co Director



Scan to verify

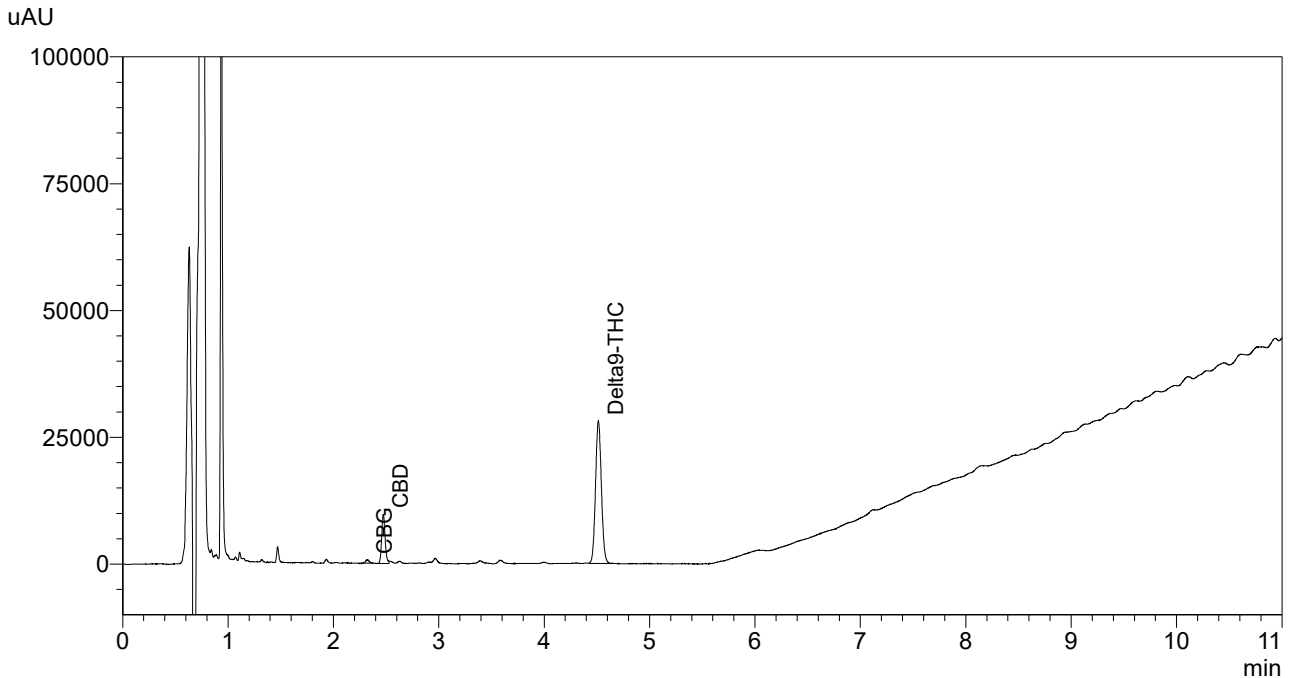
Cannabis Potency Report

<Sample Information>

Sample Name : 1435091A 10x
Sample ID : run005
Data Filename : 1435091A 10x_run005_004.lcd
Method Filename : CanEX1_260505_CP5-26,-27.lcm
Batch Filename : 08-11-2026 processed.lcb
Vial # : 1-1
Injection Volume : 5 uL
Date Acquired : 8/11/2026 1:05:25 PM
Date Processed : 8/12/2026 12:33:06 AM
Sample Amount : 1.0061 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	2.323	CBG	1825	692	0.0033	mg/g
2	2.473	CBD	22020	9292	0.0452	mg/g
3	4.514	Delta9-THC	108244	27862	0.2451	mg/g

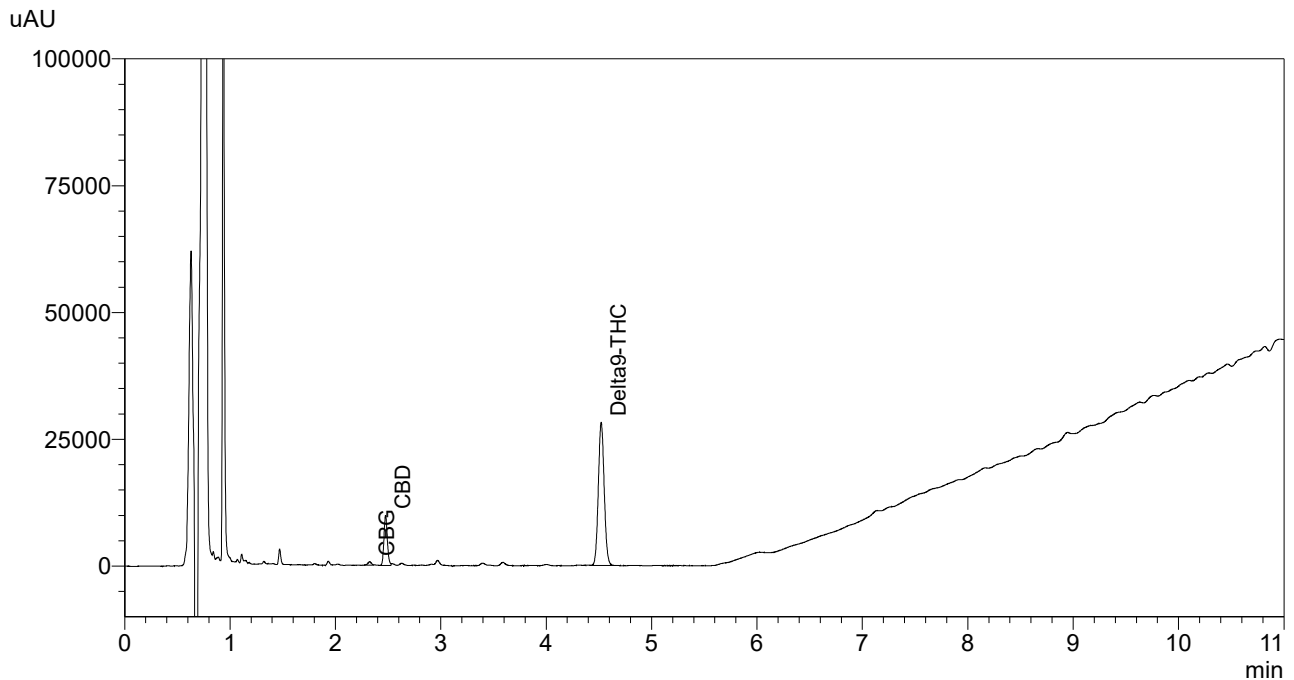
Cannabis Potency Report

<Sample Information>

Sample Name : 1435091B 10x
Sample ID : run006
Data Filename : 1435091B 10x_run006_005.lcd
Method Filename : CanEX1_260505_CP5-26,-27.lcm
Batch Filename : 08-11-2026 processed.lcb
Vial # : 1-2
Injection Volume : 5 uL
Date Acquired : 8/11/2026 1:18:45 PM
Date Processed : 8/12/2026 12:29:31 AM
Sample Amount : 1.0051 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	2.325	CBG	1816	711	0.0033	mg/g
2	2.476	CBD	22144	9684	0.0455	mg/g
3	4.522	Delta9-THC	109144	27916	0.2474	mg/g