Certificate of Analysis

Universal Hemp Panel

ANALYZED BY:

Anresco Laboratories
1375 Van Dyke Avenue,
San Francisco, CA 94124
DEA# PA 0202945

CUSTOMER:

Northwest Natural Goods, LLC
PO Box 456
Clackamas, OR 97015
AG-R1058115IHH



SAMPLE INFORMATION

Sample No.: 1452662
Product Name: WYLD HEMP, CBD Elderberry Hemp Gummies Batch 135
Matrix: Edible (Gummy)
Lot #: CBD EB B135

Production Date: 10/26/2026
Date Collected: 11/27/2026
Date Received: 10/28/2026
Date Reported: 11/02/2026
Expiration Date: 04/26/2028
Best By Date: 04/26/2028

TEST SUMMARY

Cannabinoid Profile:	Tested	**Microbiological Screen:**	Pass
Pesticide Residue Screen:	Pass	**Residual Solvent Screen:**	Pass
Heavy Metal Screen:	Pass	**Foreign Material:**	Pass
Mycotoxin Screen:	Pass		

Cannabinoid Profile Tested

10/30/2026

Method: MF-CHEM-15
Instrument: Liquid Chromatography Diode Array Detector (LC-DAD)
Limit of Detection 0.0333 mg/g
Limit of Quantitation 0.1 mg/g
Measurement of Uncertainty Average: ±6.3%

Cannabinoid	mg/g	%	mg/serving
Δ8-THC	ND	ND	ND
Δ9-THC	ND	ND	ND
Δ9-THCA	ND	ND	ND
THCV	ND	ND	ND
THCVA	ND	ND	ND
CBD	6.84	0.684	27.46
CBDA	ND	ND	ND
CBC	<LOQ	<LOQ	<LOQ
CBCA	ND	ND	ND
CBDV	ND	ND	ND
CBG	0.20	0.020	0.79
CBGA	ND	ND	ND
CBN	1.31	0.131	5.28
Exo-THC	ND	ND	ND
(6aR,9R)-Δ10-THC	ND	ND	ND
(6aR,9S)-Δ10-THC	ND	ND	ND
9(R)-Hexahydrocannabinol	ND	ND	ND
9(S)-Hexahydrocannabinol	ND	ND	ND
Δ8-THC-O-Acetate	ND	ND	ND
Δ9-THC-O-Acetate	ND	ND	ND
THC-O-Phosphate	NT	NT	NT
Δ8-THCP	ND	ND	ND
Δ9-THCP	ND	ND	ND
Total Δ9-THC	ND	ND	ND
Total THC	ND	ND	ND
Total CBD	6.84	0.684	27.46
Total Cannabinoids	8.34	0.834	33.53
Sum of Cannabinoids	8.34	0.834	33.53
Serving Weight (g)	4.0178		

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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

11/02/2026

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

Pesticide Residue Screen ✔ Pass

11/02/2026

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
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	0.020/0.060	ND	0.06	Pass
Imidacloprid	0.003/0.01	ND	0.01	Pass

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Analyte	LOD/LOQ (ppm)	Findings (ppm)	Limit (ppm)	Status
Kresoxim Methyl	0.003/0.01	ND	0.01	Pass
Malathion	0.003/0.01	ND	0.01	Pass
Metalaxyl	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
Chlormequat Chloride	0.03/0.10	ND	0.1	Pass
MGK 264	0.03/0.10	ND	0.1	Pass

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Residual Solvent Screen ✔ Pass

11/02/2026

Method: MF-CHEM-32

Measurement of Uncertainty Average: ±1.43%

Analyte	LOD/LOQ (µg/g)	Findings (µg/g)	Limit (µg/g)	Status
Propane	13.3/40	ND	210	Pass
(+/-)-2-Butanol	13.3/40	ND	5000	Pass
1,1-Dichloroethene	1.3/4	ND	8	Pass
1,2-Dichloroethane	1.3/4	ND	5	Pass
1,4-Dioxane	13.3/40	ND	30	Pass
2-Ethoxyethanol	13.3/40	ND	160	Pass
Acetone	13.3/40	ND	750	Pass
Acetonitrile	13.3/40	ND	60	Pass
Benzene	0.1/0.4	ND	1	Pass
Chloroform	0.1/0.4	ND	2	Pass
Cumene	13.3/40	ND	70	Pass
Cyclohexane	13.3/40	ND	3880	Pass
Ethanol	13.3/40	<LOQ	5000	Pass
Ethyl acetate	13.3/40	44.00	1000	Pass
Ethyl ether	13.3/40	ND	5000	Pass
Ethylene Glycol	13.3/40	ND	620	Pass
Ethylene oxide	1.3/4	ND	5	Pass
n-Heptane	13.3/40	ND	500	Pass
Isopropyl Acetate	13.3/40	ND	5000	Pass
Isopropyl alcohol	13.3/40	<LOQ	500	Pass
Methanol	13.3/40	ND	500	Pass
Methylene chloride	13.3/40	ND	600	Pass
Toluene	13.3/40	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	6.7/40	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	-	See Total Hexanes
3-Methylpentane	2.7/8	ND	-	See Total Hexanes
n-Hexane	2.7/8	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	4.4/13.34	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	3.3-6.7/10-20	ND	217	Pass

Heavy Metal Screen ✔ Pass

11/02/2026

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

11/02/2026

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

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anresco LABORATORIES since 1943

Certificate of Analysis

Mycotoxin Screen ✔ Pass

11/02/2026

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.

Hawaii HAR §11-37 Compliance Attestation: By authorizing this Certificate of Analysis, the final lab reviewer certifies that established laboratory methodologies were followed during the performance of these tests and that all quality assurance standards were satisfied at the time of performance.

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

Reported by



Vu Lam
Lab Co Director

Scan to verify

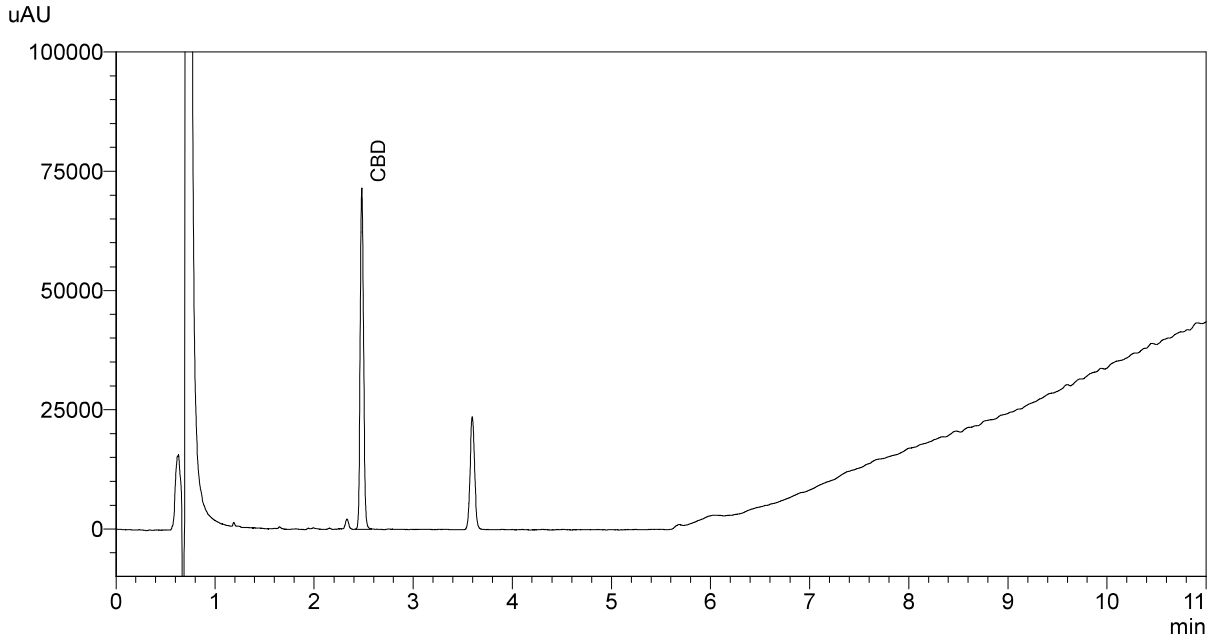
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Cannabis Potency Report

<Sample Information>

Sample Name	: 1452662A 10x		
Sample ID	: run035		
Data Filename	: 1452662A 10x_run035_008.lcd		
Method Filename	: CanEX1_260505_CP5-26,-27_2.lcm		
Batch Filename	: 10-29-2026 processed.lcb		
Vial #	: 1-17	Sample Type	: Unknown
Injection Volume	: 5 uL		
Date Acquired	: 10/29/2026 7:08:10 PM	Acquired by	: System Administrator
Date Processed	: 10/30/2026 10:48:43 AM	Processed by	: System Administrator
Sample Amount	: 2.5579 grams		
Dilution Factor	: 500		

<Cannabinoid Chromatogram>



<Peak Table>

PDA Ch1 228nm

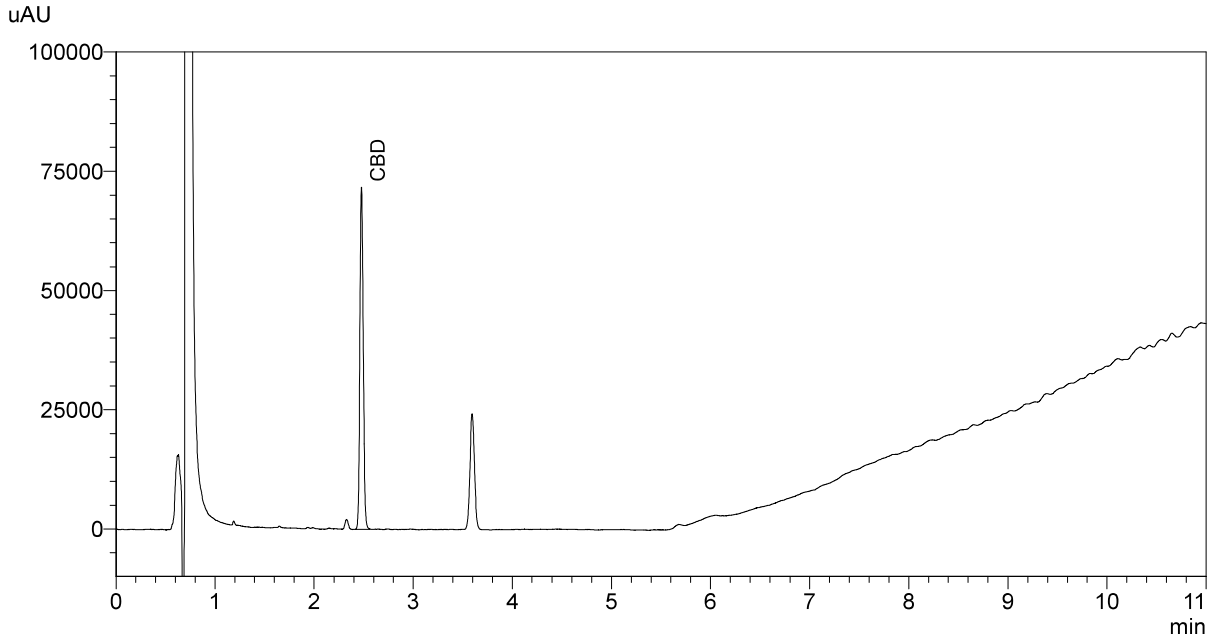
Peak#	Ret. Time	Name	Area	Height	Conc.	Unit
1	2.481	CBD	166947	69013	6.8129	mg/g

Cannabis Potency Report

<Sample Information>

Sample Name	: 1452662B 10x		
Sample ID	: run036		
Data Filename	: 1452662B 10x_run036_009.lcd		
Method Filename	: CanEX1_260505_CP5-26,-27_2.lcm		
Batch Filename	: 10-29-2026 processed.lcb		
Vial #	: 1-18	Sample Type	: Unknown
Injection Volume	: 5 uL		
Date Acquired	: 10/29/2026 7:21:31 PM	Acquired by	: System Administrator
Date Processed	: 10/30/2026 10:49:18 AM	Processed by	: System Administrator
Sample Amount	: 2.5548 grams		
Dilution Factor	: 500		

<Cannabinoid Chromatogram>



<Peak Table>

PDA Ch1 228nm

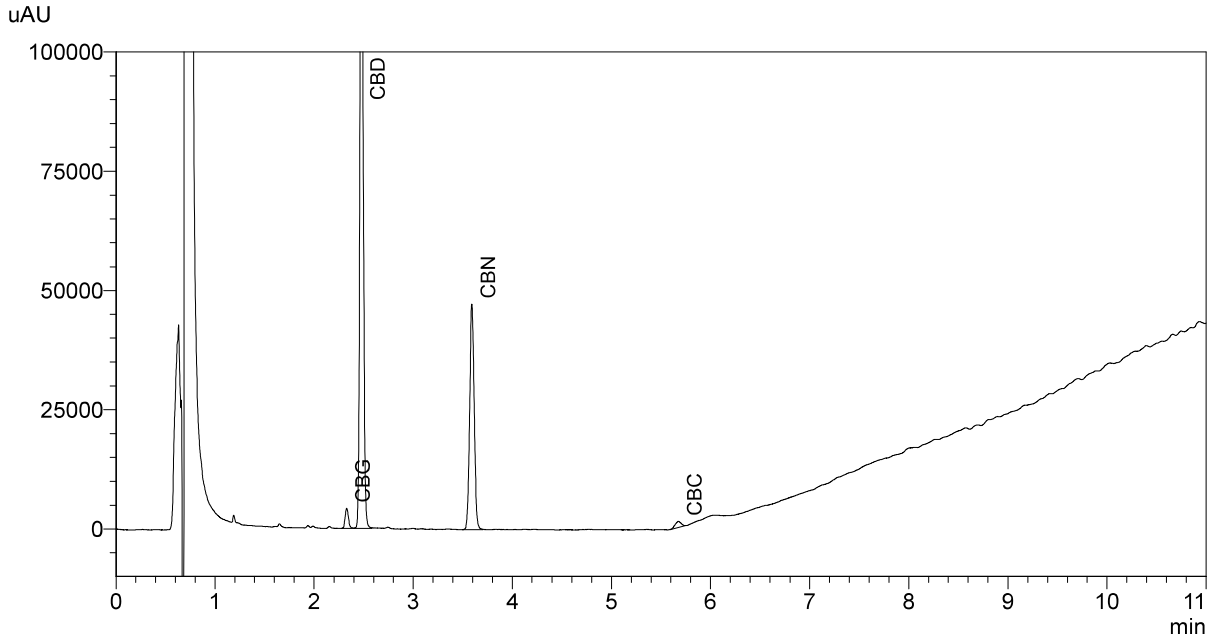
Peak#	Ret. Time	Name	Area	Height	Conc.	Unit
1	2.478	CBD	167851	70637	6.8581	mg/g

Cannabis Potency Report

<Sample Information>

Sample Name	: 1452662A 5x		
Sample ID	: run037		
Data Filename	: 1452662A 5x_run037_010.lcd		
Method Filename	: CanEX1_260505_CP5-26,-27_2.lcm		
Batch Filename	: 10-29-2026 processed.lcb		
Vial #	: 1-19	Sample Type	: Unknown
Injection Volume	: 5 uL		
Date Acquired	: 10/29/2026 7:34:52 PM	Acquired by	: System Administrator
Date Processed	: 10/30/2026 10:51:00 AM	Processed by	: System Administrator
Sample Amount	: 2.5579 grams		
Dilution Factor	: 250		

<Cannabinoid Chromatogram>



<Peak Table>

PDA Ch1 228nm

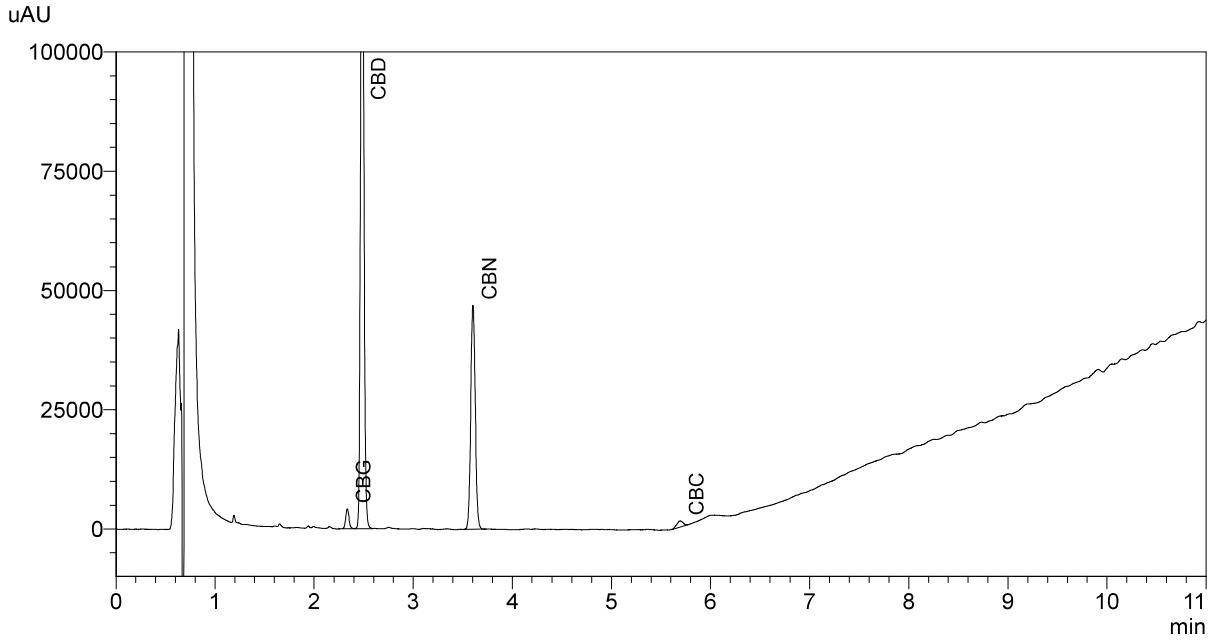
Peak#	Ret. Time	Name	Area	Height	Conc.	Unit
1	2.329	CBG	9694	4019	0.1949	mg/g
2	2.478	CBD	331891	139546	6.7777	mg/g
3	3.592	CBN	149614	46413	1.3184	mg/g
4	5.675	CBC	5415	1240	0.0604	mg/g

Cannabis Potency Report

<Sample Information>

Sample Name	: 1452662B 5x		
Sample ID	: run038		
Data Filename	: 1452662B 5x_run038_011.lcd		
Method Filename	: CanEX1_260505_CP5-26,-27_2.lcm		
Batch Filename	: 10-29-2026 processed.lcb		
Vial #	: 1-20	Sample Type	: Unknown
Injection Volume	: 5 uL		
Date Acquired	: 10/29/2026 7:48:11 PM	Acquired by	: System Administrator
Date Processed	: 10/30/2026 10:53:38 AM	Processed by	: System Administrator
Sample Amount	: 2.5548 grams		
Dilution Factor	: 250		

<Cannabinoid Chromatogram>



<Peak Table>

PDA Ch1 228nm

Peak#	Ret. Time	Name	Area	Height	Conc.	Unit
1	2.335	CBG	9728	4111	0.1959	mg/g
2	2.485	CBD	326888	137325	6.6836	mg/g
3	3.603	CBN	148312	46468	1.3085	mg/g
4	5.692	CBC	5673	1253	0.0629	mg/g

Northwest Natural Goods
[redacted]
License #: AG-R1058115IHH
Confident ID: 2611SMIL1487.10598
Metrc Source ID:

SMITHERS

CERTIFICATE OF ANALYSIS
License #: CTL0004

Certificate: IL-39884.1

Wyld Hemp, Elderberry Gummies, Batch 135

Sample ID: 2611SMIL1487.10598
Testing Type: Compliance
Sample Type: Soft Chew

Sample Collected: 11/04/2026
Received: 11/04/2026 10:20 PM
Published: 11/06/2026



RESULTS SUMMARY

Cannabinoid Profile: Tested	Microbial Contaminants: Pass	Residual Solvents: Pass	0.0% Total THC
Pesticides: Pass	Mycotoxins: Pass	Heavy Metals: Pass	0.75241% Total CBD
Foreign Matter: Not Tested	Moisture Analysis: Not Tested	Water Activity: Not Tested	0.91357% Total Cannabinoids
	Terpenes: Tested		0.0% Total Terpenes

Report Notes:

Landen Nickel
Lab Manager

Smithers CTS Illinois LLC
8205 Cass Ave. Ste. 106
Darien, IL 60561
(872)-870-0500

PJLA Testing
Accreditation #: 107434

Test results apply to samples within this Certificate of Analysis only. Certificate of Analysis shall not be reproduced except in full without approval of the laboratory. Smithers CTS IL LLC uses simple acceptance for all pass/fail results. Uncertainty is not taken into account for pass/fail determinations. IL Compliance samples were handled according to SOP-SMPL-006.

Northwest Natural Goods
[redacted]
License #: AG-R1058115IHH
Confident ID: 2611SMIL1487.10598
Metrc Source ID:

SMITHERS

CERTIFICATE OF ANALYSIS

License #: CTL0004

Certificate: IL-39884.1

Cannabinoids

Tested

Sample Analysis

Sample Prep Date: 11/06/2026
Sample Analysis Date: 11/06/2026
Analyzed By: Agilent 1260 HPLC
SOP: SOP-CANN-001

Analyte	LOD (percent)	LOQ (percent)	Results (%)	Results (mg/g)	Results (mg/serving)	Results (mg/package)
CBC	0.00046636	0.00093273	0.0058372	0.058372	0.23349	2.3349
CBCA	0.00046636	0.00093273	ND	ND	ND	ND
CBDV	0.00046636	0.00093273	0.0027532	0.027532	0.11013	1.1013
CBDVA	0.00046636	0.00093273	ND	ND	ND	ND
CBD	0.00046636	0.00093273	0.75241	7.5241	30.096	300.96
CBDA	0.00046636	0.00093273	ND	ND	ND	ND
CBG	0.00046636	0.00093273	0.020497	0.20497	0.81985	8.1985
CBGA	0.00046636	0.00093273	ND	ND	ND	ND
CBN	0.00046636	0.00093273	0.13207	1.3207	5.2827	52.827
Δ8-THC	0.00046636	0.00093273	ND	ND	ND	ND
Δ8-THCV	0	0	NT	NT	NT	NT
Δ9-THC	0.00046636	0.00093273	ND	ND	ND	ND
Δ9-THCV	0.00046636	0.00093273	ND	ND	ND	ND
THCVA	0.00046636	0.00093273	ND	ND	ND	ND
THCA	0.00046636	0.00093273	ND	ND	ND	ND

Cannabinoid Totals	Results (%)	Results (mg/g)	Results (mg/serving)	Results (mg/package)
Total THC	0	0	0	0
Total CBD	0.75241	7.5241	30.096	300.96
Total Cannabinoids	0.91357	9.1357	36.542	365.42

Total THC = THCa*0.877 + Δ9-THC
Total CBD = CBDa*0.877 + CBD
Total Cannabinoids = Sum of all analytes

Serving Weight: 4g;

Report Notes:

Landen Nickel
Lab Manager



Smithers CTS Illinois LLC
8205 Cass Ave. Ste. 106
Darien, IL 60561
(872)-870-0500

ilac-MRA
PJLA Testing
Accreditation #: 107434

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Northwest Natural Goods
[redacted]
License #: AG-R1058115IHH
Confident ID: 2611SMIL1487.10598
Metrc Source ID:

SMITHERS

CERTIFICATE OF ANALYSIS

License #: CTL0004

Certificate: IL-39884.1

Terpenes

Tested

Sample Analysis

Sample Prep Date: 11/05/2026
Sample Analysis Date: 11/06/2026
Analyzed By: GC-FID
SOP: SOP_TERP_002

Analyte	LOD (%)	LOQ (%)	Results (%)	Analyte	LOD (%)	LOQ (%)	Results (%)
3-Carene	0.00247	0.00741	ND	Geraniol	0.00247	0.00741	ND
α-Bisabolol	0.00247	0.00741	ND	Geranyl Acetate	0.00247	0.00741	ND
α-Cedrene	0.00247	0.00741	ND	Guaiol	0.00247	0.00741	ND
α-Humulene	0.00247	0.00741	ND	Isoborneol	0.00247	0.00741	ND
α-Phellandrene	0.00247	0.00741	ND	Isopulegol	0.00247	0.00741	ND
α-Pinene	0.00247	0.00741	ND	Limonene	0.00247	0.00741	ND
α-Terpinene	0.00247	0.00741	ND	Linalool	0.00247	0.00741	ND
β-Myrcene	0.00493	0.0148	ND	Menthol	0.00247	0.00741	ND
β-Pinene	0.00247	0.00741	ND	Nerol	0.00247	0.00741	ND
Borneol	0.00493	0.0148	ND	Pulegone	0.00247	0.00741	ND
Camphene	0.00247	0.00741	ND	Sabinene Hydrate	0.00247	0.00741	ND
Camphor	0.00741	0.0222	ND	Terpineol	0.00247	0.00741	ND
Caryophyllene Oxide	0.00247	0.00741	ND	Terpinolene	0.00247	0.00741	ND
Cedrol	0.00247	0.00741	ND	β-Caryophyllene	0.00247	0.00741	ND
cis-Nerolidol	0.00247	0.00741	ND	trans-Nerolidol	0.00247	0.00741	ND
cis-Ocimene	0.000409	0.00122	ND	trans-Ocimene	0.00206	0.00619	ND
endo-Fenchyl Alcohol	0.00247	0.00741	ND	Valencene	0.00247	0.00741	ND
Eucalyptol	0.00247	0.00741	ND	γ-Terpinene	0.00247	0.00741	ND
Fenchone	0.00493	0.0148	ND	**Total Terpenes**	-	-	**ND**

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Pesticides

Pass

Sample Analysis

Sample Prep Date: 11/05/2026
Sample Analysis Date: 11/06/2026
Analyzed By: Agilent Ultivo LC-MS/MS
SOP: SOP_PEST_001

Analyte	LOD (ppb)	LOQ (ppb)	Results (ppb)	Limit (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Results (ppb)	Limit (ppb)
Acetamiprid	3.79	7.58	ND	10	Flonicamid	9.48	19.0	ND	30
Aldicarb	7.58	15.2	ND	20	Imidacloprid	7.58	15.2	ND	20
Bifenthrin	7.58	15.2	ND	50	Kresoxim Methyl	3.79	7.58	ND	10
Carbaryl	7.58	15.2	ND	20	Metalaxyl	7.58	15.2	ND	20
Carbofuran	7.58	15.2	ND	100	Oxamyl	19.0	37.9	ND	50
Chlorantraniliprole	7.58	15.2	ND	20	Phosmet	7.58	15.2	ND	40
Chlorpyrifos	3.79	7.58	ND	10	Pyridaben	3.79	7.58	ND	10
Clofentezine	3.79	7.58	ND	10	Spiromesifen	3.79	7.58	ND	10
Diazinon	7.58	15.2	ND	50	Spirotetramat	3.79	7.58	ND	10
Ethoprophos	7.58	15.2	ND	20	Tebuconazole	15.2	30.3	ND	50
Etofenprox	3.79	7.58	ND	10	Thiamethoxam	7.58	15.2	ND	20
Etoxazole	3.79	7.58	ND	10	Trifloxystrobin	3.79	7.58	ND	10
Fenpyroximate	3.79	7.58	ND	15					

Mycotoxins

Pass

Sample Analysis

Sample Prep Date: 11/05/2026
Sample Analysis Date: 11/06/2026
Analyzed By: Agilent Ultivo LC-MS/MS
SOP: SOP_PEST_001

Analyte	LOD (ppb)	LOQ (ppb)	Results (ppb)	Limit (ppb)
Aflatoxin B1	5.00	15.2	ND	20
Aflatoxin B2	5.00	15.2	ND	20
Aflatoxin G1	5.00	15.2	ND	20
Aflatoxin G2	5.00	15.2	ND	20
Ochratoxin A	5.00	15.2	ND	20

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Heavy Metals

Pass

Sample Analysis

Sample Prep Date: 11/05/2026
Sample Analysis Date: 11/06/2026
Analyzed By: Agilent 7800 ICP-MS
SOP: SOP_HM_001

Analyte	LOD (ppb)	LOQ (ppb)	Results (ppb)	Limit (ppb)
Cadmium	26.4	79.6	ND	500
Mercury	2.64	7.96	ND	3000
Lead	26.4	79.6	ND	1000
Chromium	26.4	79.6	ND	2000
Arsenic	26.4	79.6	ND	1500

Microbial Impurities

Pass

Sample Analysis

Sample Prep Date: 11/04/2026
Sample Analysis Date: 11/06/2026
Analyzed By: 3M Petrifilm
SOP: SOP_MICRO_001

Analyte	Results (cfu/g)	Limit (cfu_g)
Total Aerobic Bacteria	ND	10000
Total Bile-Tolerant Gram-Negative Bacteria	ND	100
Total Coliforms	ND	100
Total Yeast & Mold	ND	1000
E.coli (pathogenic strains)	Not Detected	Detected
Salmonella spp.	Not Detected	Detected

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Residual Solvents

Pass

Sample Analysis

Sample Prep Date: 11/05/2026
Sample Analysis Date: 11/06/2026
Analyzed By: GCMS
SOP: SOP-RS-001

Analyte	LOD (ppm)	LOQ (ppm)	Results (ppm)	Limit (ppm)
Acetone	6.679	13.357	ND	5000
Butane	6.679	13.357	ND	5000
Ethanol	6.679	13.357	13.720	5000
Ethyl Acetate	6.679	13.357	26.267	5000
Ethyl Ether	6.679	13.357	ND	5000
Ethylene Oxide	1.113	2.226	ND	50
Heptane	6.679	13.357	ND	5000
Hexane	6.679	13.357	ND	290
Isopropyl Alcohol	6.679	13.357	19.707	5000
Methanol	6.679	13.357	ND	3000
Methylene Chloride	6.679	13.357	ND	600
Pentane	6.679	13.357	ND	5000
Petroleum Ether	6.679	13.357	ND	400
Propane	6.679	13.357	ND	5000
Trichloroethylene	6.679	13.357	ND	80
Toluene	6.679	13.357	ND	5000
Xylenes	6.679	13.357	ND	2170

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