

ANALYZED BY:

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

CUSTOMER:

Lupulin Brewing Company
570 Humboldt Dr Suite 107
Big Lake, MN 55309



SAMPLE INFORMATION

Sample No.: 1431678
Product Name: Smazey Concord Grape
Matrix: Edible (Beverage)
Lot #: JCGH5

Date Collected: 07/25/2026
Date Received: 07/27/2026
Date Reported: 09/02/2026

TEST SUMMARY

Cannabinoid Profile: ✔ Pass
Pesticide Residue Screen: ✔ Pass
Mycotoxin Screen: ✔ Pass

Microbiological Screen: ✔ Tested
Heavy Metal Screen: ✔ Pass

Cannabinoid Profile ✔ Pass

09/02/2026

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

Cannabinoid	mg/g	mg/ml	%	mg/package	Status
Δ8-THC	ND	ND	ND	ND	-
Δ9-THC	0.0236	0.0244	0.00236	8.67	Pass
Δ9-THCA	ND	ND	ND	ND	-
THCV	ND	ND	ND	ND	-
THCVA	ND	ND	ND	ND	-
CBD	ND	ND	ND	ND	-
CBDA	ND	ND	ND	ND	-
CBC	ND	ND	ND	ND	-
CBCA	ND	ND	ND	ND	-
CBDV	ND	ND	ND	ND	-
CBG	ND	ND	ND	ND	-
CBGA	ND	ND	ND	ND	-
CBN	ND	ND	ND	ND	-
Total THC	0.0236	0.0244	0.00236	8.67	-
Total CBD	ND	ND	ND	ND	-
Total Cannabinoids	0.0236	0.0244	0.00236	8.67	-
Sum of Cannabinoids	0.0236	0.0244	0.00236	8.67	-
Package Weight (g)	367.2475				
g/ml Conversion Factor	1.0345				

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)]

Comment(s): Potency test were performed on subsequently submitted sample (1439525).

Microbiological Screen

07/30/2026

Analyte	Findings	Units	Method
Bile Tolerant	<1	cfu/g	AOAC 2003.01
E. coli STEC	Not Detected	/25g	Neogen MDS STEC
L. monocytogenes	Not Detected	/25g	AOAC 2016.07
Salmonella	Not Detected	/25g	AOAC 2016.01
Aspergillus flavus	Not Detected	/25g	Gene-Up Aspergillus Pro
Aspergillus fumigatus	Not Detected	/25g	Gene-Up Aspergillus Pro
Aspergillus niger	Not Detected	/25g	Gene-Up Aspergillus Pro
Aspergillus terreus	Not Detected	/25g	Gene-Up Aspergillus Pro

Pesticide Residue Screen ✔ Pass

07/31/2026

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	0.003/0.01	ND	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
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

Analyte	LOD/LOQ (ppm)	Findings (ppm)	Limit (ppm)	Status
Tebuconazole	0.003/0.01	ND	0.01	Pass
Thiadoprid	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

Heavy Metal Screen ✔ Pass

07/31/2026

Method: MF-CHEM-16

Regulatory Standard* DCC

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

Analyte	LOD/LOQ (µg/g)	Findings (µg/g)	Limit (µg/g)*	Status
Arsenic	0.033/0.101	ND	1.5	Pass
Cadmium	0.047/0.141	ND	0.5	Pass
Mercury	0.014/0.05	ND	3	Pass
Lead	0.107/0.324	ND	0.5	Pass

Mycotoxin Screen ✔ Pass

07/31/2026

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

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

Reported by




Vu Lam
Lab Co Director



Scan to verify