Certificate of Analysis

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ANALYZED BY:

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

CUSTOMER:

Crescent Distributions NC
2728 Magazine Street
New Orleans 70130
NA

MANUFACTURER:

Lake Louie/Wisconsin Brewing Company
1079 American Way
Verona 53593



SAMPLE INFORMATION

Sample No.: 1379479
Product Name: Grape Lemonade 10mg
Matrix: Edible (Beverage)
Lot #: 2601-CCGL(10)3 M

Date Collected: 01/29/2026
Date Received: 02/02/2026
Date Reported: 02/06/2026

TEST SUMMARY

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

Cannabinoid Profile Tested

02/03/2026

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	0.0253	0.00253	0.0260	9.24	9.24	10	7.63
Δ9-THCA	ND	ND	ND	ND	ND	-	-
THCV	ND	ND	ND	ND	ND	-	-
THCVA	ND	ND	ND	ND	ND	-	-
CBD	ND	ND	ND	ND	ND	-	-
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	-	-
Total THC	0.0253	0.00253	0.0260	9.24	9.24	-	-
Total CBD	ND	ND	ND	ND	ND	-	-
Total Cannabinoids	0.0253	0.00253	0.0260	9.24	9.24	-	-
Sum of Cannabinoids	0.0253	0.00253	0.0260	9.24	9.24	-	-
Serving Weight (g)	365.0820						
Package Weight (g)	365.082						
g/ml Conversion Factor	1.0284						

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)]

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Terpenoid Profile

02/06/2026

Method: MF-CHEM-17

Instrument: Gas Chromatography Mass Spectrometry (GC/MS)

Terpene	LOD/LOQ (mg/g)	mg/g	%
α-Pinene	0.009/0.025	ND	ND
Camphene	0.009/0.025	ND	ND
ß-Myrcene	0.009/0.025	ND	ND
β-Pinene	0.009/0.025	ND	ND
δ-3-Carene	0.009/0.025	ND	ND
Limonene	0.009/0.025	ND	ND
α-Terpinene	0.009/0.025	ND	ND
trans-beta-Ocimene	0.006/0.01725	ND	ND
cis-beta-Ocimene	0.003/0.00775	ND	ND
p-Cymene	0.009/0.25	ND	ND
Eucalyptol	0.009/0.025	ND	ND
γ-Terpinene	0.009/0.025	ND	ND
Terpinolene	0.009/0.025	ND	ND
Linalool	0.009/0.025	ND	ND
Isopulegol	0.009/0.025	ND	ND
Menthol	0.009/0.025	ND	ND
(-)-Borneol	0.009/0.025	ND	ND
Terpineol	0.009/0.025	ND	ND
Citronellol	0.009/0.025	ND	ND
Geraniol	0.009/0.025	ND	ND
ß-Caryophyllene	0.009/0.025	ND	ND
α-Humulene	0.009/0.025	ND	ND
cis-Nerolidol	0.004/0.01025	ND	ND
trans-Nerolidol	0.005/0.01475	ND	ND
Guaiol	0.009/0.25	ND	ND
Caryophyllene Oxide	0.009/0.025	ND	ND
α-Bisabolol	0.009/0.025	ND	ND
Total Terpenes	-	ND	ND

Microbiological Screen ✔ Pass

02/04/2026

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

Analyte	Findings	Units	Method	Limit	Status
E. Coli	ND	/1g	FDA BAM Modified	1	Pass
Salmonella	ND	/25g	AOAC 2016.01	1	Pass
STEC	ND	/25g	MF-MICRO-18	1	Pass
Aspergillus flavus	ND	/25g	MF-MICRO-14	1	Pass
Aspergillus fumigatus	ND	/25g	MF-MICRO-14	1	Pass
Aspergillus niger	ND	/25g	MF-MICRO-14	1	Pass
Aspergillus terreus	ND	/25g	MF-MICRO-14	1	Pass
Total Yeast and Mold	<1	cfu/g	AOAC 2014.05	100000	Pass

Pesticide Residue Screen ✔ Pass

02/06/2026

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

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Analyte	LOD/LOQ (ppm)	Findings (ppm)	Limit (ppm)	Status
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
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

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Residual Solvent Screen ✔ Pass

02/06/2026

Measurement of Uncertainty Average: ±1.43%

Analyte	LOD/LOQ (ppm)	Findings (ppm)	Limit (ppm)	Status
1,1-Dichloroethene	2/4	ND	8	Pass
1,2-Dichloroethane	0.2/0.5	ND	1	Pass
Acetone	14/40	<LOQ	750	Pass
Acetonitrile	14/40	ND	60	Pass
Benzene	0.2/0.5	ND	1	Pass
n-Butane	14/40	ND	800	Pass
Chloroform	0.2/0.5	ND	1	Pass
Ethanol	14/40	296.00	5000	Pass
Ethyl acetate	14/40	<LOQ	400	Pass
Ethyl ether	14/40	ND	500	Pass
Ethylene oxide	0.2/0.5	ND	1	Pass
n-Heptane	14/40	ND	500	Pass
n-Hexane	14/40	ND	100	Pass
Isopropyl alcohol	14/40	ND	500	Pass
Methanol	14/40	ND	250	Pass
Methylene chloride	0.2/0.5	ND	1	Pass
n-Pentane	14/40	ND	750	Pass
Propane	14/40	ND	210	Pass
Toluene	14/40	ND	150	Pass
Total xylenes (ortho-, meta-, para-)	14/40	ND	150	Pass
Trichloroethylene	0.2/0.5	ND	1	Pass

Heavy Metal Screen ✔ Pass

02/06/2026

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

Mycotoxin Screen ✔ Pass

02/06/2026

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	5	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	5	Pass

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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