



Maplewood Brewing Co.
2717 N Maplewood AVE
Chicago, Illinois 60647
License #:
Confident ID: 2509SMIL1006.5763
Metrc Source ID:



SMITHERS

CERTIFICATE OF ANALYSIS

License #: CTL0004

Certificate: 33647

GBH(Beverage D9 Hemp)

Metrc Source ID:
Metrc Sample ID:
Confident ID: 2509SMIL1006.5763
Sample Type: Beverage

Sample Collected: 09/10/2025
Sample Received: 09/10/2025
Report Published: 09/12/2025



RESULTS SUMMARY

Cannabinoid Profile Tested	Microbial Contaminants Tested	Residual Solvents Tested	0.003% Total THC
Pesticides Tested	Mycotoxins Tested	Heavy Metals Tested	0.0% Total CBD
Foreign Matter Not Tested	Moisture Analysis Not Tested	Water Activity Not Tested	0.003% Total Cannabinoids
	Terpenes Tested		0.00932% Total Terpenes

Report Notes:

Philip Travisano III, Ph.D.

CTS Illinois State Director

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



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[Sample] Cannabinoids

Tested

Sample Analysis

Sample Prep Date: 09/11/2025
Sample Analysis Date: 09/11/2025
Analyzed By: Agilent 1260 HPLC
SOP: SOP-CANN-001

Analyte	LOD (%)	LOQ (%)	Results (%)	Results (mg/g)	Results (mg/serving)	Results (mg/package)
CBC	0.000	0.000	ND	ND	ND	ND
CBCA	0.000	0.000	ND	ND	ND	ND
CBDV	0.000	0.000	ND	ND	ND	ND
CBDVA	0.000	0.000	ND	ND	ND	ND
CBD	0.000	0.000	ND	ND	ND	ND
CBDA	0.000	0.000	ND	ND	ND	ND
CBG	0.000	0.000	ND	ND	ND	ND
CBGA	0.000	0.000	ND	ND	ND	ND
CBN	0.000	0.000	0.000	0.003	1.592	1.592
Δ 8-THC	0.000	0.000	ND	ND	ND	ND
Δ 8-THCV	0.000	0.000	NT	NT	NT	NT
Δ 9-THC	0.000	0.000	0.003	0.026	12.161	12.161
Δ 9-THCV	0.000	0.000	ND	ND	ND	ND
THCVA	0.000	0.000	ND	ND	ND	ND
THCA	0.000	0.000	ND	ND	ND	ND

Cannabinoid Totals	Results (%)	Results (mg/g)	Results (mg/serving)	Results (mg/package)
Total THC	0.003	0.026	12.161	12.161
Total CBD	0.000	0.000	0.000	0.000
Total Cannabinoids	0.003	0.029	13.753	13.753

Total THC = THCa * 0.877 + Δ 9-THC
Total CBD = CBDa * 0.877 + CBD
Total Cannabinoids = Sum of all analytes

Serving Weight: 473.17g;

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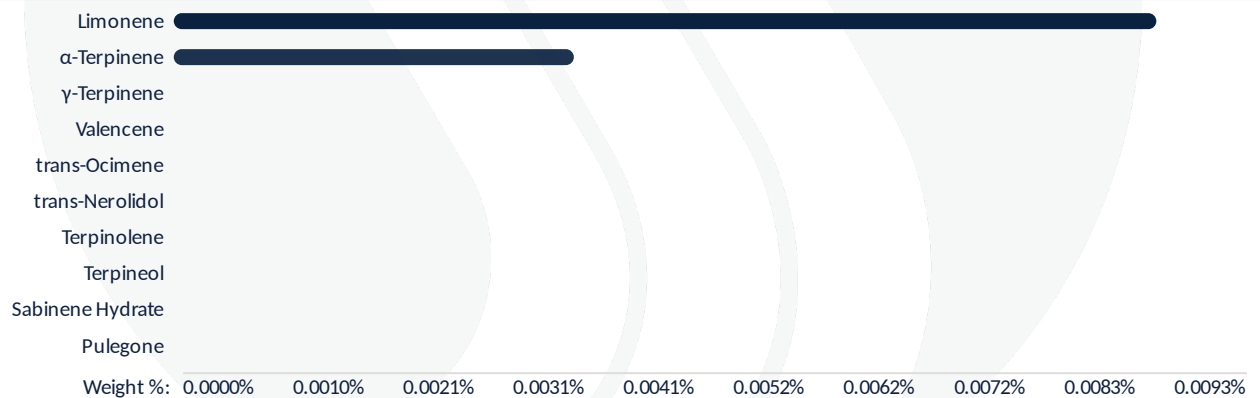
Terpenes

Tested

Sample Analysis

Sample Prep Date: 09/11/2025
Sample Analysis Date: 09/12/2025
Analyzed By: GC-FID
SOP: SOP_TERP_002

Analyte	LOD (%)	LOQ (%)	Results (%)	Analyte	LOD (%)	LOQ (%)	Results (%)
3-Carene	0.00288	0.00862	ND	Fenchone	0.00574	0.0172	ND
α -Bisabolol	0.00288	0.00862	ND	Geraniol	0.00288	0.00862	ND
α -Cedrene	0.00288	0.00862	ND	Geranyl Acetate	0.00288	0.00862	ND
α -Humulene	0.00288	0.00862	ND	Guaiol	0.00288	0.00862	ND
α -Phellandrene	0.00288	0.00862	ND	Isoborneol	0.00288	0.00862	ND
α -Pinene	0.00288	0.00862	ND	Isopulegol	0.00288	0.00862	ND
α -Terpinene	0.00288	0.00862	< LOQ	Limonene	0.00288	0.00862	0.00932
β -Caryophyllene	0.00288	0.00862	ND	Linalool	0.00288	0.00862	ND
β -Myrcene	0.00574	0.0172	ND	Menthol	0.00288	0.00862	ND
β -Pinene	0.00288	0.00862	ND	Nerol	0.00288	0.00862	ND
Borneol	0.00574	0.0172	ND	Pulegone	0.00288	0.00862	ND
Camphene	0.00288	0.00862	ND	Sabinene Hydrate	0.00288	0.00862	ND
Camphor	0.00862	0.0259	ND	Terpineol	0.00288	0.00862	ND
Caryophyllene Oxide	0.00288	0.00862	ND	Terpinolene	0.00288	0.00862	ND
Cedrol	0.00288	0.00862	ND	trans-Nerolidol	0.00288	0.00862	ND
cis-Nerolidol	0.00288	0.00862	ND	trans-Ocimene	0.00240	0.00720	ND
cis-Ocimene	0.000477	0.00142	ND	Valencene	0.00288	0.00862	ND
endo-Fenchyl Alcohol	0.00288	0.00862	ND	γ -Terpinene	0.00288	0.00862	ND
Eucalyptol	0.00288	0.00862	ND				



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Pesticides

Tested

Sample Analysis

Sample Prep Date: 09/11/2025
Sample Analysis Date: 09/12/2025
Analyzed By: Agilent Ultivo LC-MS/MS
SOP: SOP_PEST_001

Analyte	LOD (ppb)	LOQ (ppb)	Results (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Results (ppb)
Acetamiprid	3.35	6.70	ND	Flonicamid	8.37	16.7	ND
Aldicarb	6.70	13.4	ND	Imidacloprid	6.70	13.4	ND
Bifenthrin	6.70	13.4	ND	Kresoxim Methyl	3.35	6.70	ND
Carbaryl	6.70	13.4	ND	Metaxyl	6.70	13.4	ND
Carbofuran	6.70	13.4	ND	Oxamyl	16.7	33.5	ND
Chlorantraniliprole	6.70	13.4	ND	Phosmet	6.70	13.4	ND
Chlorpyrifos	3.35	6.70	ND	Pyridaben	3.35	6.70	ND
Clofentezine	3.35	6.70	ND	Spiromesifen	3.35	6.70	ND
Diazinon	6.70	13.4	ND	Spirotetramat	3.35	6.70	ND
Ethrophos	6.70	13.4	ND	Tebuconazole	13.4	26.8	ND
Etofenprox	3.35	6.70	ND	Thiamethoxam	6.70	13.4	ND
Etoxazole	3.35	6.70	ND	Trifloxystrobin	3.35	6.70	ND
Fenpyroximate	3.35	6.70	ND				

Mycotoxins

Tested

Sample Analysis

Sample Prep Date: 09/11/2025
Sample Analysis Date: 09/12/2025
Analyzed By: Agilent Ultivo LC-MS/MS
SOP: SOP_PEST_001

Analyte	LOD (ppb)	LOQ (ppb)	Results (ppb)
Aflatoxin B1	4.42	13.4	ND
Aflatoxin B2	4.42	13.4	ND
Aflatoxin G1	4.42	13.4	ND
Aflatoxin G2	4.42	13.4	ND
Ochratoxin A	4.42	13.4	ND

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Heavy Metals

Tested

Sample Analysis

Sample Prep Date: 09/11/2025
Sample Analysis Date: 09/12/2025
Analyzed By: Agilent 7800 ICP-MS
SOP: SOP_HM_001

Analyte	LOD (ppb)	LOQ (ppb)	Results (ppb)
Cadmium	26.9	81.1	ND
Mercury	2.69	8.11	ND
Lead	26.9	81.1	ND
Chromium	26.9	81.1	ND
Arsenic	26.9	81.1	ND

Microbial Impurities

Tested

Sample Analysis

Sample Prep Date: 09/10/2025
Sample Analysis Date: 09/12/2025
Analyzed By: 3M Petrifilm
SOP: SOP_MICRO_001

Analyte	Results (cfu/g)
Total Aerobic Bacteria	ND
Total Bile-Tolerant Gram-Negative Bacteria	ND
Total Coliforms	ND
Total Yeast & Mold	ND
<i>E.coli</i> (pathogenic strains)	Not Detected
<i>Salmonella</i> spp.	Not Detected

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Residual Solvents

Tested

Sample Analysis

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Sample Analysis Date: 09/12/2025
Analyzed By: GCMS
SOP: SOP-RS-001

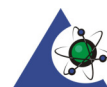
Analyte	LOD (ppm)	LOQ (ppm)	Results (ppm)
Acetone	7.81	15.6	ND
Butane	7.81	15.6	ND
Ethanol	7.81	15.6	ND
Ethyl Acetate	7.81	15.6	ND
Ethyl Ether	7.81	15.6	ND
Ethylene Oxide	1.30	2.60	ND
Heptane	7.81	15.6	ND
Hexane	7.81	15.6	ND
Isopropyl Alcohol	7.81	15.6	ND
Methanol	7.81	15.6	ND
Methylene Chloride	7.81	15.6	ND
Pentane	7.81	15.6	ND
Petroleum Ether	7.81	15.6	ND
Propane	7.81	15.6	ND
Trichloroethylene	7.81	15.6	ND
Toluene	7.81	15.6	ND
Xylenes	15.6	31.2	ND

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