



Lodo Brands
474 N Lakeshore Drive
Chicago, IL 60611
License #:
Confident ID: 2511SMIL1353.7442
Metr Source ID:



SMITHERS

CERTIFICATE OF ANALYSIS

License #: CTL0004

Certificate: 35924

Lodo - Blueberry

Metr Source ID:

Metr Sample ID:

Confident ID: 2511SMIL1353.7442

Sample Collected: 11/07/2025

Sample Received: 11/07/2025

Report Published: 11/13/2025

Sample Type: Beverage



RESULTS SUMMARY

Cannabinoid Profile Tested	Microbial Contaminants Pass	Residual Solvents Pass	0.02353% Total THC
Pesticides Pass	Mycotoxins Pass	Heavy Metals Pass	0.0% Total CBD
Foreign Matter Not Tested	Moisture Analysis Not Tested	Water Activity Not Tested	0.02418% 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



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Cannabinoids

Tested

Sample Analysis

Sample Prep Date: 11/10/2025
Sample Analysis Date: 11/11/2025
Analyzed By: Agilent 1260 HPLC
SOP: SOP-CANN-001

Analyte	LOD (%)	LOQ (%)	Results (%)	Results (mg/g)	Results (mg/serving)	Results (mg/package)
CBC	4.972e-5	9.945e-5	ND	ND	ND	ND
CBCA	4.972e-5	9.945e-5	ND	ND	ND	ND
CBDV	4.972e-5	9.945e-5	ND	ND	ND	ND
CBDVA	4.972e-5	9.945e-5	ND	ND	ND	ND
CBD	4.972e-5	9.945e-5	ND	ND	ND	ND
CBDA	4.972e-5	9.945e-5	ND	ND	ND	ND
CBG	4.972e-5	9.945e-5	0.0006491	0.006491	0.2921	4.965
CBGA	4.972e-5	9.945e-5	ND	ND	ND	ND
CBN	4.972e-5	9.945e-5	ND	ND	ND	ND
Δ 8-THC	4.972e-5	9.945e-5	ND	ND	ND	ND
Δ 8-THCV	0	0	NT	NT	NT	NT
Δ 9-THC	4.972e-5	9.945e-5	0.02353	0.2353	10.59	180
Δ 9-THCV	4.972e-5	9.945e-5	ND	ND	ND	ND
THCVA	4.972e-5	9.945e-5	ND	ND	ND	ND
THCA	4.972e-5	9.945e-5	ND	ND	ND	ND

Cannabinoid Totals	Results (%)	Results (mg/g)	Results (mg/serving)	Results (mg/package)
Total THC	0.02353	0.2353	10.59	180
Total CBD	0	0	0	0
Total Cannabinoids	0.02418	0.2418	10.88	185

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

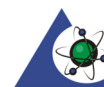
Serving Weight: 45g;

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Terpenes

Tested

Sample Analysis

Sample Prep Date: 11/10/2025
Sample Analysis Date: 11/11/2025
Analyzed By: GC-FID
SOP: SOP_TERP_002

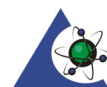
Analyte	LOD (%)	LOQ (%)	Results (%)	Analyte	LOD (%)	LOQ (%)	Results (%)
3-Carene	0.00292	0.00876	ND	Fenchone	0.00583	0.0175	ND
α -Bisabolol	0.00292	0.00876	ND	Geraniol	0.00292	0.00876	ND
α -Cedrene	0.00292	0.00876	ND	Geranyl Acetate	0.00292	0.00876	ND
α -Humulene	0.00292	0.00876	ND	Guaiol	0.00292	0.00876	ND
α -Phellandrene	0.00292	0.00876	ND	Isoborneol	0.00292	0.00876	ND
α -Pinene	0.00292	0.00876	ND	Isopulegol	0.00292	0.00876	ND
α -Terpinene	0.00292	0.00876	ND	Limonene	0.00292	0.00876	ND
β -Caryophyllene	0.00292	0.00876	ND	Linalool	0.00292	0.00876	ND
β -Myrcene	0.00583	0.0175	ND	Menthol	0.00292	0.00876	ND
β -Pinene	0.00292	0.00876	ND	Nerol	0.00292	0.00876	ND
Borneol	0.00583	0.0175	ND	Pulegone	0.00292	0.00876	ND
Camphene	0.00292	0.00876	ND	Sabinene Hydrate	0.00292	0.00876	ND
Camphor	0.00876	0.0263	ND	Terpineol	0.00292	0.00876	ND
Caryophyllene Oxide	0.00292	0.00876	ND	Terpinolene	0.00292	0.00876	ND
Cedrol	0.00292	0.00876	ND	trans-Nerolidol	0.00292	0.00876	ND
cis-Nerolidol	0.00292	0.00876	ND	trans-Ocimene	0.00244	0.00732	ND
cis-Ocimene	0.000484	0.00144	ND	Valencene	0.00292	0.00876	ND
endo-Fenchyl Alcohol	0.00292	0.00876	ND	γ -Terpinene	0.00292	0.00876	ND
Eucalyptol	0.00292	0.00876	ND	Total Terpenes	-	-	ND

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Pesticides

Pass

Sample Analysis

Sample Prep Date: 11/10/2025
Sample Analysis Date: 11/11/2025
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	4.99	9.98	ND	10	Flonicamid	12.5	25.0	ND	30
Aldicarb	9.98	20.0	ND	20	Imidacloprid	9.98	20.0	ND	20
Bifenthrin	9.98	20.0	ND	50	Kresoxim Methyl	4.99	9.98	ND	10
Carbaryl	9.98	20.0	ND	20	Metaxyl	9.98	20.0	ND	20
Carbofuran	9.98	20.0	ND	100	Oxamyl	25.0	49.9	ND	50
Chlorantraniliprole	9.98	20.0	ND	20	Phosmet	9.98	20.0	ND	40
Chlorpyrifos	4.99	9.98	ND	10	Pyridaben	4.99	9.98	ND	10
Clofentezine	4.99	9.98	ND	10	Spiromesifen	4.99	9.98	ND	10
Diazinon	9.98	20.0	ND	50	Spirotetramat	4.99	9.98	ND	10
Ethoprophos	9.98	20.0	ND	20	Tebuconazole	20.0	39.9	ND	50
Etofenprox	4.99	9.98	ND	10	Thiamethoxam	9.98	20.0	ND	20
Etoxazole	4.99	9.98	ND	10	Trifloxystrobin	4.99	9.98	ND	10
Fenpyroximate	4.99	9.98	ND	15					

Mycotoxins

Pass

Sample Analysis

Sample Prep Date: 11/10/2025
Sample Analysis Date: 11/11/2025
Analyzed By: Agilent Ultivo LC-MS/MS
SOP: SOP_PEST_001

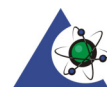
Analyte	LOD (ppb)	LOQ (ppb)	Results (ppb)	Limit (ppb)
Aflatoxin B1	6.59	20.0	ND	20
Aflatoxin B2	6.59	20.0	ND	20
Aflatoxin G1	6.59	20.0	ND	20
Aflatoxin G2	6.59	20.0	ND	20
Ochratoxin A	6.59	20.0	ND	20

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Heavy Metals

Pass

Sample Analysis

Sample Prep Date: 11/10/2025
Sample Analysis Date: 11/11/2025
Analyzed By: Agilent 7800 ICP-MS
SOP: SOP_HM_001

Analyte	LOD (ppb)	LOQ (ppb)	Results (ppb)	Limit (ppb)
Cadmium	29.2	87.9	ND	500
Mercury	2.92	8.79	ND	3000
Lead	29.2	87.9	ND	1000
Chromium	29.2	87.9	ND	2000
Arsenic	29.2	87.9	ND	1500

Microbial Impurities

Pass

Sample Analysis

Sample Prep Date: 11/07/2025
Sample Analysis Date: 11/10/2025
Analyzed By: 3M Petrifilm
SOP: SOP_MICRO_001

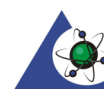
Analyte	Results (cfu/g)	Limit (cfu/g)
Total Aerobic Bacteria	ND	10000
Total Bile-Tolerant Gram-Negative Bacteria	ND	100
Total Coliforms	ND	100
Total Yeast & Mold	ND	1000
<i>E.coli</i> (pathogenic strains)	Not Detected	Detected
<i>Salmonella</i> spp.	Not Detected	Detected

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Residual Solvents

Pass

Sample Analysis

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Sample Analysis Date: 11/11/2025
Analyzed By: GCMS
SOP: SOP-RS-001

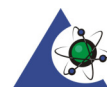
Analyte	LOD (ppm)	LOQ (ppm)	Results (ppm)	Limit (ppm)
Acetone	7.331	14.663	ND	5000
Butane	7.331	14.663	ND	5000
Ethanol	7.331	14.663	159.795	5000
Ethyl Acetate	7.331	14.663	ND	5000
Ethyl Ether	7.331	14.663	ND	5000
Ethylene Oxide	1.222	2.444	ND	50
Heptane	7.331	14.663	ND	5000
Hexane	7.331	14.663	ND	290
Isopropyl Alcohol	7.331	14.663	ND	5000
Methanol	7.331	14.663	ND	3000
Methylene Chloride	7.331	14.663	ND	600
Pentane	7.331	14.663	ND	5000
Petroleum Ether	7.331	14.663	ND	400
Propane	7.331	14.663	ND	5000
Trichloroethylene	7.331	14.663	ND	80
Toluene	7.331	14.663	ND	5000
Xylenes	7.331	14.663	ND	2170

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