



Lodo Brands
474 N Lakeshore Drive
Chicago, IL 60611
License #:
Confident ID: 2509SMIL0989.5689
Metrc Source ID:



SMITHERS

CERTIFICATE OF ANALYSIS

License #: CTL0004

Certificate: 33464

Lodo - Hot Shot

Metrc Source ID:
Metrc Sample ID: 25.221
Confident ID: 2509SMIL0989.5689
Sample Type: Beverage

Sample Collected: 09/03/2025
Sample Received: 09/03/2025
Report Published: 09/08/2025



RESULTS SUMMARY

Cannabinoid Profile Tested	Microbial Contaminants Pass	Residual Solvents Pass	0.019% 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	0.021% Total Cannabinoids
	Terpenes Tested		0.0% 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



Accreditation #: 107434

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Cannabinoids

Tested

Sample Analysis

Sample Prep Date: 09/04/2025
Sample Analysis Date: 09/05/2025
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	0.000	0.001	0.045	0.764
CBDA	0.000	0.000	ND	ND	ND	ND
CBG	0.000	0.000	0.001	0.005	0.242	4.116
CBGA	0.000	0.000	ND	ND	ND	ND
CBN	0.000	0.000	0.001	0.005	0.231	3.919
$\Delta 8$ -THC	0.000	0.000	ND	ND	ND	ND
$\Delta 8$ -THCV	0.000	0.000	NT	NT	NT	NT
$\Delta 9$ -THC	0.000	0.000	0.019	0.194	8.736	148.512
$\Delta 9$ -THCV	0.000	0.000	<LOQ	<LOQ	<LOQ	<LOQ
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	0.019	0.194	8.736	148.512
Total CBD	0.000	0.001	0.045	0.764
Total Cannabinoids	0.021	0.205	9.254	157.311

Total THC = $\text{THCa} \times 0.877 + \Delta 9\text{-THC}$
Total CBD = $\text{CBDa} \times 0.877 + \text{CBD}$
Total Cannabinoids = Sum of all analytes

Serving Weight: 45g;

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Terpenes

Tested

Sample Analysis

Sample Prep Date: 09/04/2025
Sample Analysis Date: 09/08/2025
Analyzed By: GC-FID
SOP: SOP_TERP_002

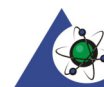
Analyte	LOD (%)	LOQ (%)	Results (%)	Analyte	LOD (%)	LOQ (%)	Results (%)
3-Carene	0.00356	0.0107	ND	Fenchone	0.00710	0.0213	ND
α -Bisabolol	0.00356	0.0107	ND	Geraniol	0.00356	0.0107	ND
α -Cedrene	0.00356	0.0107	ND	Geranyl Acetate	0.00356	0.0107	ND
α -Humulene	0.00356	0.0107	ND	Guaiol	0.00356	0.0107	ND
α -Phellandrene	0.00356	0.0107	ND	Isoborneol	0.00356	0.0107	ND
α -Pinene	0.00356	0.0107	ND	Isopulegol	0.00356	0.0107	ND
α -Terpinene	0.00356	0.0107	ND	Limonene	0.00356	0.0107	ND
β -Caryophyllene	0.00356	0.0107	ND	Linalool	0.00356	0.0107	ND
β -Myrcene	0.00710	0.0213	ND	Menthol	0.00356	0.0107	ND
β -Pinene	0.00356	0.0107	ND	Nerol	0.00356	0.0107	ND
Borneol	0.00710	0.0213	ND	Pulegone	0.00356	0.0107	ND
Camphene	0.00356	0.0107	ND	Sabinene Hydrate	0.00356	0.0107	ND
Camphor	0.0107	0.0320	ND	Terpineol	0.00356	0.0107	ND
Caryophyllene Oxide	0.00356	0.0107	ND	Terpinolene	0.00356	0.0107	ND
Cedrol	0.00356	0.0107	ND	trans-Nerolidol	0.00356	0.0107	ND
cis-Nerolidol	0.00356	0.0107	ND	trans-Ocimene	0.00297	0.00891	ND
cis-Ocimene	0.000590	0.00176	ND	Valencene	0.00356	0.0107	ND
endo-Fenchyl Alcohol	0.00356	0.0107	ND	γ -Terpinene	0.00356	0.0107	ND
Eucalyptol	0.00356	0.0107	ND	Total Terpenes	-	-	ND

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Pesticides

Pass

Sample Analysis

Sample Prep Date: 09/04/2025
Sample Analysis Date: 09/05/2025
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	4.32	8.64	ND	10	Flonicamid	10.8	21.6	ND	30
Aldicarb	8.64	17.3	ND	20	Imidacloprid	8.64	17.3	ND	20
Bifenthrin	8.64	17.3	ND	50	Kresoxim Methyl	4.32	8.64	ND	10
Carbaryl	8.64	17.3	ND	20	Metaxyl	8.64	17.3	ND	20
Carbofuran	8.64	17.3	ND	100	Oxamyl	21.6	43.2	ND	50
Chlorantraniliprole	8.64	17.3	ND	20	Phosmet	8.64	17.3	ND	40
Chlorpyrifos	4.32	8.64	ND	10	Pyridaben	4.32	8.64	ND	10
Clofentezine	4.32	8.64	ND	10	Spiromesifen	4.32	8.64	ND	10
Diazinon	8.64	17.3	ND	50	Spirotetramat	4.32	8.64	ND	10
Ethrophos	8.64	17.3	ND	20	Tebuconazole	17.3	34.6	ND	50
Etofenprox	4.32	8.64	ND	10	Thiamethoxam	8.64	17.3	ND	20
Etoxazole	4.32	8.64	ND	10	Trifloxystrobin	4.32	8.64	ND	10
Fenpyroximate	4.32	8.64	ND	15					

Mycotoxins

Pass

Sample Analysis

Sample Prep Date: 09/04/2025
Sample Analysis Date: 09/05/2025
Analyzed By: Agilent Ultivo LC-MS/MS
SOP: SOP_PEST_001

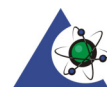
Analyte	LOD (ppb)	LOQ (ppb)	Results (ppb)	Limit (ppb)
Aflatoxin B1	5.70	17.3	ND	20
Aflatoxin B2	5.70	17.3	ND	20
Aflatoxin G1	5.70	17.3	ND	20
Aflatoxin G2	5.70	17.3	ND	20
Ochratoxin A	5.70	17.3	ND	20

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Heavy Metals

Pass

Sample Analysis

Sample Prep Date: 09/04/2025
Sample Analysis Date: 09/05/2025
Analyzed By: Agilent 7800 ICP-MS
SOP: SOP_HM_001

Analyte	LOD (ppb)	LOQ (ppb)	Results (ppb)	Limit (ppb)
Cadmium	26.7	80.4	ND	500
Mercury	2.67	8.04	ND	3000
Lead	26.7	80.4	ND	1000
Chromium	26.7	80.4	ND	2000
Arsenic	26.7	80.4	ND	1500

Microbial Impurities

Pass

Sample Analysis

Sample Prep Date: 09/04/2025
Sample Analysis Date: 09/06/2025
Analyzed By: 3M Petrifilm
SOP: SOP_MICRO_001

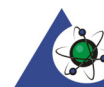
Analyte	Results (cfu/g)	Limit (cfu/g)
Total Aerobic Bacteria	ND	10000
Total Bile-Tolerant Gram-Negative Bacteria	ND	100
Total Coliforms	ND	100
Total Yeast & Mold	ND	1000
<i>E.coli</i> (pathogenic strains)	Not Detected	Detected
<i>Salmonella</i> spp.	Not Detected	Detected

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Residual Solvents

Pass

Sample Analysis

Sample Prep Date: 09/05/2025
Sample Analysis Date: 09/08/2025
Analyzed By: GCMS
SOP: SOP-RS-001

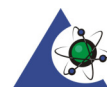
Analyte	LOD (ppm)	LOQ (ppm)	Results (ppm)	Limit (ppm)
Acetone	7.40	14.8	ND	5000
Butane	7.40	14.8	ND	5000
Ethanol	7.40	14.8	989	5000
Ethyl Acetate	7.40	14.8	ND	5000
Ethyl Ether	7.40	14.8	ND	5000
Ethylene Oxide	1.23	2.47	ND	50
Heptane	7.40	14.8	ND	5000
Hexane	7.40	14.8	ND	290
Isopropyl Alcohol	7.40	14.8	ND	5000
Methanol	7.40	14.8	ND	3000
Methylene Chloride	7.40	14.8	ND	600
Pentane	7.40	14.8	ND	5000
Petroleum Ether	7.40	14.8	ND	400
Propane	7.40	14.8	ND	5000
Trichloroethylene	7.40	14.8	ND	80
Toluene	7.40	14.8	ND	5000
Xylenes	14.8	29.6	ND	2170

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