

ONE BY THERAGUN
3715 E 40TH STREET
4650 LEYDEN STREET, UNIT
E
DENVER, CO 80205

Certificate of Analysis

ACS | CANNABIS & HEMP
 LABORATORY | BEYOND COMPLIANCE

Order #: ONE201203-010007 Order Date: 2020-12-03 Collection Date: 2020-12-04 Report Date: 2020-12-10

Batch #: H0023
 Sample #: AAAU442
 Specimen Type: CBD/HEMP Edibles (Ingestion)
 Extracted From: hemp
 Description: TheraOne CBD Sleep Tincture

Initial Gross Weight: 154.000 g
 Specimen Weight: 191 mg
 Number of Units: 2
 Method: SOP-3



Potency Tested	Heavy Metals Passed	Mycotoxins Passed
Pesticides Passed	Residual Solvents Passed	Water Activity Tested
Listeria Monocytogenes Passed	Pathogenic Passed	Microbiology (qPCR) Passed



The photos on this report are of a sample collected by the lab and may vary from the final packaging.

Total CBD 3.545%	Total THC 0.105%	Total CBG 0.079%
Total CBN 0.025%	Other Cannabinoids 0.223%	Total Cannabinoids 3.977%

Potency - 20 (Tested)

(HPLC)

Analyte	Result (mg/g)	(%)	LOQ (%)	Analyte	Result (mg/g)	(%)	LOQ (%)	Analyte	Result (mg/g)	(%)	LOQ (%)
CBC	2.030	0.203	0.001	CBCA	<LOQ	0.001		CBD	35.060	3.506	0.001
CBDA	0.444	0.044	0.001	CBDV	<LOQ	0.001		CBDVA	<LOQ	0.001	
CBG	0.795	0.079	0.001	CBGA	<LOQ	0.001		CBL	<LOQ	0.001	
CBN	<LOQ	0.001		CBNA	0.280	0.028	0.001	CBT	0.205	0.020	0.001
Delta-10 THC	<LOQ	0.001		Delta-8 THC	<LOQ	0.001		Delta-8 THCV	<LOQ	0.001	
Delta-9 THC	1.046	0.105	0.001	Exo-THC	<LOQ	0.001		THCA-A	<LOQ	0.001	
THCV	<LOQ	0.001		THCVA	<LOQ	0.001		Total CBD	35.449	3.545	0.001
Total THC	1.046	0.105	0.001								

*Total CBD = CBD + (CBD-A * 0.877), *Total THC = THCA-A * 0.877 + Delta 9 THC, *CBG Total = (CBGA * 0.877) + CBG, *CBN Total = (CBNA * 0.877) + CBN, *Other Cannabinoids Total = CBC + CBDV + THCV + THCVA, *Total Detected Cannabinoids = CBD Total + CBG Total + CBN Total + THC Total + CBC + CBDV + THCV + THCVA (mg/g) = Milligram per Gram, , LOQ = Limit of Quantitation, , LOD = Limit of Detection , *Measurement of Uncertainty = +/- 5%

Xueli Gao
 Ph.D., DABT

Lab Toxicologist

Aixia Sun

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Lab Director/Principal Scientist

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Heavy Metals (Passed)

(ICP-MS)

Analyte	Action Level (ppb)	Result (ppb)	LOQ (ppb)	Analyte	Action Level (ppb)	Result (ppb)	LOQ (ppb)	Analyte	Action Level (ppb)	Result (ppb)	LOQ (ppb)
Arsenic (As)	1500	<LOQ	100	Cadmium (Cd)	500	<LOQ	100	Lead (Pb)	500	<LOQ	100
Mercury (Hg)	3000	<LOQ	100								

(ppb) = Parts per Billion, (ppb) = (µg/kg), , LOQ = Limit of Quantitation

Mycotoxins (Passed)

(LCMS/API/GCMS)

Analyte	Action Level (ppb)	Result (ppb)	LOQ (ppb)	Analyte	Action Level (ppb)	Result (ppb)	LOQ (ppb)	Analyte	Action Level (ppb)	Result (ppb)	LOQ (ppb)
Aflatoxin B1	20	<LOQ	6	Aflatoxin B2	20	<LOQ	6	Aflatoxin G1	20	<LOQ	6
Aflatoxin G2	20	<LOQ	6	Ochratoxin A	20	<LOQ	12				

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Pesticides FL V4 (Non-Inhalable) (Passed)

(LCMS/API/GCMS)

Analyte	Action Level (ppb)	Result (ppb)	LOQ (ppb)	Analyte	Action Level (ppb)	Result (ppb)	LOQ (ppb)	Analyte	Action Level (ppb)	Result (ppb)	LOQ (ppb)
Abamectin	300	<LOQ	28.23	Acephate	3000	<LOQ	30	Acequinocyl	2000	<LOQ	48
Acetamiprid	3000	<LOQ	30	Aldicarb	100	<LOQ	30	Azoxystrobin	3000	<LOQ	10
Bifenazate	3000	<LOQ	30	Bifenthrin	500	<LOQ	30	Boscalid	3000	<LOQ	10
Captan	3000	<LOQ	30	Carbaryl	500	<LOQ	10	Carbofuran	100	<LOQ	10
Chlorantraniliprole	3000	<LOQ	10	Chlordane	100	<LOQ	10	Chlorfenapyr	100	<LOQ	30
Chloromequat Chloride	3000	<LOQ	10	Chlorpyrifos	100	<LOQ	30	Clofentezine	500	<LOQ	30
Cypermethrin	1000	<LOQ	30	Coumaphos	100	<LOQ	48	Cyfluthrin	1000	<LOQ	30
Dichlorvos	100	<LOQ	30	Daminozide	100	<LOQ	30	Diazinon	200	<LOQ	30
Ethoprophos	100	<LOQ	30	Dimethoate	100	<LOQ	30	Dimethomorph	3000	<LOQ	48
Fenhexamid	3000	<LOQ	10	Etofenprox	100	<LOQ	30	Etoxazole	1500	<LOQ	30
Fipronil	100	<LOQ	30	Fenoxycarb	100	<LOQ	30	Fenpyroximate	2000	<LOQ	30
Hexythiazox	2000	<LOQ	30	Fonicamid	2000	<LOQ	30	Fludioxonil	3000	<LOQ	48
Kresoxim Methyl	1000	<LOQ	30	Imazalil	100	<LOQ	30	Imidacloprid	3000	<LOQ	30
Methiocarb	100	<LOQ	30	Malathion	2000	<LOQ	30	Metalaxyl	3000	<LOQ	10
Mevinphos	100	<LOQ	10	Methomyl	100	<LOQ	30	methyl-Parathion	100	<LOQ	10
Oxamyl	500	<LOQ	30	Myclobutanil	3000	<LOQ	30	Naled	500	<LOQ	30
Permethrin	1000	<LOQ	30	Paclobutrazol	100	<LOQ	30	Pentachloronitrobenzene	200	<LOQ	10
Prallethrin	400	<LOQ	30	Phosmet	200	<LOQ	30	Piperonylbutoxide	3000	<LOQ	30
Pyrethrins	1000	<LOQ	30	Propiconazole	1000	<LOQ	30	Propoxur	100	<LOQ	30
Spinosad	3000	<LOQ	30	Pyridaben	3000	<LOQ	30	Spinetoram	3000	<LOQ	10
Spiroxamine	100	<LOQ	30	Spiromesifen	3000	<LOQ	30	Spirotetramat	3000	<LOQ	30
Thiamethoxam	1000	<LOQ	30	Tebuconazole	1000	<LOQ	30	Thiacloprid	100	<LOQ	30
				Trifloxystrobin	3000	<LOQ	30				

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Residual Solvents (CBD) (Passed)

(GC/GCMS)

Analyte	Action Level (ppm)	Result (ppm)	LOQ (ppm)	Analyte	Action Level (ppm)	Result (ppm)	LOQ (ppm)	Analyte	Action Level (ppm)	Result (ppm)	LOQ (ppm)
1,1-Dichloroethene	8	<LOQ	0.16	1,2-dichloroethane	5	<LOQ	0.04	Acetone	5000	<LOQ	2.08
Benzene	2	<LOQ	0.02	Butanes	2000	<LOQ	2.5	Acetonitrile	410	<LOQ	1.17
Ethanol	5000	<LOQ	2.78	Ethyl Acetate	5000	<LOQ	1.11	Chloroform	60	<LOQ	0.04
Ethylene Oxide	5	<LOQ	0.1	Heptane	5000	<LOQ	1.39	Ethyl Ether	5000	<LOQ	1.39
Isopropyl alcohol	500	<LOQ	1.39	Methanol	3000	<LOQ	0.69	Hexane	290	<LOQ	1.17
Pentane	5000	<LOQ	2.08	Propane	2100	<LOQ	5.83	Methylene chloride	600	<LOQ	2.43
Total Xylenes	2170	<LOQ	2.92	Trichloroethylene	80	<LOQ	0.49	Toluene	890	<LOQ	2.92

(ppm) = Parts per Million, (ppm) = (µg/g), . LOQ = Limit of Quantitation

Water Activity (Tested)

(Water Activity Analyzer)

Analyte	Result (aw)
Water Activity	0.290

(aw) = aw

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Listeria Monocytogenes (Passed)

(qPCR)

Analyte	Result
Listeria Monocytogenes	Absence in 1g

Pathogenic SE (qPCR) (Passed)

(qPCR)

Analyte	Result (cfu/g)	Analyte	Result (cfu/g)
E.Coli	Absence	Salmonella	Absence

(cfu/g) = Colony Forming Unit per Gram

Microbiology (qPCR) (Passed)

(qPCR)

Analyte	Result	Analyte	Result	Analyte	Result
Total Aerobic Count	Passed	Total Coliform	Passed	Total Enterobacteriaceae	Passed
Total Yeast/Mold	Passed				

(cfu/g) = Colony Forming Unit per Gram

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