

Certificate of Analysis

Powered by Confident Cannabis 1 of 2

Grove Inc

1710 Whitney Mesa Dr. Henderson, NV 89014 tony@cbd.io (714) 783-5531 Lic. #201999H

Sample: 2009CNS1019.5628

Strain: 500mg BS Mango

Lot #: 20320-2B;

Sample Received: 09/15/2020; Report Created: 09/21/2020

Harvest Process Lot:

METRC Batch: ; METRC Sample:

500mg BS Mango

Ingestible. Tincture





Safety

Pass Pesticides

Pass Microbials **Pass**

Mycotoxins

Pass Metals **Pass**

Foreign Matter

ND	529.5870 mg/unit	Pass 0.257 aw	NR
Total THC	Total CBD	Water Activity	PH

Terpenes



Analyte

Pine

Cannabinoids	Complete		
Analyte	LOQ	Mass	Mass
	%	mg/unit	mg/g
CBDV	0.00140	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>
THCV	0.00140	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>
CBD	0.07000	529.5870	18.5820
CBG	0.00140	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>
CBDa	0.00140	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>
CBGa	0.00140	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>
CBN	0.00140	10.1175	0.3550
Δ9-ΤΗС	0.30000	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>
Δ8-THC	0.00140	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>
CBC	0.00140	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>
THCa	0.30000	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>
CBCa	0.00140	2.4510	0.0860
Total		542.1555	19.0230

Allalyte	LOQ	IVIASS	iviass
	mg/g	mg/g	%
α-Pinene	0.100	0.159	0.0159
3-Carene	0.100	<0.100	< 0.0100
α-Bisabolol	0.100	< 0.100	< 0.0100
α-Humulene	0.100	<0.100	< 0.0100
α-Terpinene	0.100	<0.100	< 0.0100
β-Caryophyllene	0.100	ND	ND
β-Myrcene	0.100	< 0.100	< 0.0100
β-Pinene	0.100	<0.100	< 0.0100
Camphene	0.100	<0.100	< 0.0100
Caryophyllene Oxide	0.100	ND	ND
cis-Nerolidol	0.100	<0.100	< 0.0100
δ-Limonene	0.100	ND	ND
Eucalyptol	0.100	<0.100	< 0.0100
y-Terpinene	0.100	<0.100	< 0.0100
Guaiol	0.100	<0.100	< 0.0100
Linalool	0.100	<0.100	< 0.0100
Ocimene	0.100	<0.100	< 0.0100
p-Cymene	0.100	<0.100	< 0.0100
Terpinolene	0.100	<0.100	<0.0100
trans-Nerolidol	0.100	<0.100	< 0.0100
trans-Ocimene	0.100	<0.100	< 0.0100
Total		0.159	0.0159

LOQ = Limit of Quantitation; The reported result is based on a sample weight with the applicable moisture content for that sample; ND = Not Detectable, NR = Not Reported, NT = Not Reported, NT= Not Tested. Terpenes analyzed per Canalysis SOP-09 on an Agilent 7890B HS-GC-FID. Unless otherwise stated all quality control samples performed within specifications established by the Laboratory.

Total THC = THCa * $0.877 + \Delta 9$ -THC + $\Delta 8$ -THC. Total CBD = CBDa * 0.877 + CBD. LOQ = Limit of Quantitation; ND = Not Detectable, NR = Not Reported, NT = Not Tested. Cannabinoids analyzed per Canalysis SOP-06/SOP-14 on an Agilent 1220 HPLC-DAD. Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. Notes: Unit wt = 28.5g. LOQs for 9THC and THCA comply with client's requirements.

2952 Meade Ave Las Vegas, NV (702) 304-7878 http://www.canalysislab.com



Trevor Low

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Harvest Process Lot:

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Ingestible, Tincture



PPM	Pesticides				Pass
Abamectin 0.010 0.200 ND I Acequinocyl 0.010 4.000 ND I Beta-Cyfluthrin 0.050 2.000 ND I Bifenazate 0.010 0.400 ND I Bifenthrin 0.010 0.100 ND I Cypermethrin 0.010 1.000 ND I Daminozide 0.020 0.800 ND I Dimethomorph 0.010 2.000 ND I Etoxazole 0.010 0.400 ND I Fenhexamid 0.010 1.000 ND I Fludioxonil 0.010 1.000 ND I Fludioxonil 0.010 0.500 ND I Myclobutanil 0.010 0.400 ND I Piperonyl Butoxide 0.010 0.400 ND I Pyrethrins 0.010 2.000 ND I Quintozene	Analyte	LOQ	Limit	Mass	Status
Acequinocyl 0.010 4.000 ND I Beta-Cyfluthrin 0.050 2.000 ND I Bifenazate 0.010 0.400 ND I Bifenthrin 0.010 0.100 ND I Cypermethrin 0.010 1.000 ND I Daminozide 0.020 0.800 ND I Dimethomorph 0.010 2.000 ND I Etoxazole 0.010 0.400 ND I Fenhexamid 0.010 1.000 ND I Fludioxonil 0.010 1.000 ND I Fludioxonil 0.010 0.500 ND I Myclobutanil 0.010 0.400 ND I Paclobutrazol 0.010 0.400 ND I Piperonyl Butoxide 0.010 3.000 ND I Pyrethrins 0.010 2.000 ND I Quintozene		PPM	PPM	PPM	
Beta-Cyfluthrin 0.050 2.000 ND I Bifenazate 0.010 0.400 ND I Bifenthrin 0.010 0.100 ND I Cypermethrin 0.010 1.000 ND I Daminozide 0.020 0.800 ND I Dimethomorph 0.010 2.000 ND I Etoxazole 0.010 0.400 ND I Fenhexamid 0.010 1.000 ND I Fludioxonil 0.010 1.000 ND I Fludioxonil 0.010 0.500 ND I Myclobutanil 0.010 0.500 ND I Myclobutarazol 0.010 0.400 ND I Piperonyl Butoxide 0.010 3.000 ND I Pyrethrins 0.010 2.000 ND I Quintozene 0.050 0.800 ND I Spinetoram	Abamectin	0.010	0.200	ND	Pass
Bifenazate 0.010 0.400 ND I Bifenthrin 0.010 0.100 ND I Cypermethrin 0.010 1.000 ND I Daminozide 0.020 0.800 ND I Dimethomorph 0.010 2.000 ND I Etoxazole 0.010 0.400 ND I Fenhexamid 0.010 1.000 ND I Flonicamid 0.010 1.000 ND I Fludioxonil 0.010 0.500 ND I Imidacloprid 0.010 0.500 ND I Myclobutanil 0.010 0.400 ND I Paclobutrazol 0.010 0.400 ND I Piperonyl Butoxide 0.010 3.000 ND I Pyrethrins 0.010 2.000 ND I Quintozene 0.050 0.800 ND I Spinetoram	Acequinocyl	0.010	4.000	ND	Pass
Bifenthrin 0.010 0.100 ND I Cypermethrin 0.010 1.000 ND I Daminozide 0.020 0.800 ND I Dimethomorph 0.010 2.000 ND I Etoxazole 0.010 0.400 ND I Fenhexamid 0.010 1.000 ND I Flonicamid 0.010 1.000 ND I Fludioxonil 0.010 0.500 ND I Imidacloprid 0.010 0.500 ND I Myclobutanil 0.010 0.400 ND I Paclobutrazol 0.010 0.400 ND I Piperonyl Butoxide 0.010 3.000 ND I Pyrethrins 0.010 2.000 ND I Quintozene 0.050 0.800 ND I Spinetoram 0.010 1.000 ND I	Beta-Cyfluthrin	0.050	2.000	ND	Pass
Cypermethrin 0.010 1.000 ND I Daminozide 0.020 0.800 ND I Dimethomorph 0.010 2.000 ND I Etoxazole 0.010 0.400 ND I Fenhexamid 0.010 1.000 ND I Flonicamid 0.010 1.000 ND I Fludioxonil 0.010 0.500 ND I Imidacloprid 0.010 0.500 ND I Myclobutanil 0.010 0.400 ND I Paclobutrazol 0.010 0.400 ND I Piperonyl Butoxide 0.010 3.000 ND I Pyrethrins 0.010 2.000 ND I Quintozene 0.050 0.800 ND I Spinetoram 0.010 1.000 ND I Spinosad 0.010 1.000 ND I	Bifenazate	0.010	0.400	ND	Pass
Daminozide 0.020 0.800 ND I Dimethomorph 0.010 2.000 ND I Etoxazole 0.010 0.400 ND I Fenhexamid 0.010 1.000 ND I Flonicamid 0.010 1.000 ND I Fludioxonil 0.010 0.500 ND I Imidacloprid 0.010 0.500 ND I Myclobutanil 0.010 0.400 ND I Paclobutrazol 0.010 0.400 ND I Piperonyl Butoxide 0.010 3.000 ND I Pyrethrins 0.010 2.000 ND I Quintozene 0.050 0.800 ND I Spinetoram 0.010 1.000 ND I Spinosad 0.010 1.000 ND I	Bifenthrin	0.010	0.100	ND	Pass
Dimethomorph 0.010 2.000 ND Interpretation Etoxazole 0.010 0.400 ND Interpretation Fenhexamid 0.010 1.000 ND Interpretation Flonicamid 0.010 1.000 ND Interpretation Fluidioxonil 0.010 0.500 ND Interpretation Myclobutanil 0.010 0.400 ND Interpretation Paclobutrazol 0.010 0.400 ND Interpretation Piperonyl Butoxide 0.010 3.000 ND Interpretation Pyrethrins 0.010 2.000 ND Interpretation Quintozene 0.050 0.800 ND Interpretation Spinetoram 0.010 1.000 ND Interpretation Spinosad 0.010 1.000 ND Interpretation	Cypermethrin	0.010	1.000	ND	Pass
Etoxazole 0.010 0.400 ND I Fenhexamid 0.010 1.000 ND I Flonicamid 0.010 1.000 ND I Fludioxonil 0.010 0.500 ND I Imidacloprid 0.010 0.500 ND I Myclobutanil 0.010 0.400 ND I Paclobutrazol 0.010 0.400 ND I Piperonyl Butoxide 0.010 3.000 ND I Pyrethrins 0.010 2.000 ND I Quintozene 0.050 0.800 ND I Spinetoram 0.010 1.000 ND I Spinosad 0.010 1.000 ND I	Daminozide	0.020	0.800	ND	Pass
Fenhexamid 0.010 1.000 ND I Flonicamid 0.010 1.000 ND I Fludioxonil 0.010 0.500 ND I Imidacloprid 0.010 0.500 ND I Myclobutanil 0.010 0.400 ND I Paclobutrazol 0.010 0.400 ND I Piperonyl Butoxide 0.010 3.000 ND I Pyrethrins 0.010 2.000 ND I Quintozene 0.050 0.800 ND I Spinetoram 0.010 1.000 ND I Spinosad 0.010 1.000 ND I	Dimethomorph	0.010	2.000	ND	Pass
Flonicamid 0.010 1.000 ND Fludioxonil 0.010 0.500 ND Fludioxonil 0.010 0.500 ND Fludioxonil 0.010 0.500 ND Fludioxonil 0.010 0.400 ND Fludioxorial 0.010 0.400 ND Fludioxorial 0.010 0.400 ND Fludioxorial 0.010 3.000 ND Fludioxorial 0.010 3.000 ND Fludioxorial 0.010 0.800 ND Fludioxorial 0.050 0.800 ND Fludioxorial 0.010 1.000 ND Fludioxorial 0.010 0.400 ND Fludioxorial 0.010 0.010 ND 0.010 0.	Etoxazole	0.010	0.400	ND	Pass
Fludioxonil 0.010 0.500 ND Indicatorial Imidacloprid 0.010 0.500 ND Indicatorial Myclobutanil 0.010 0.400 ND Indicatorial Paclobutrazol 0.010 0.400 ND Indicatorial Piperonyl Butoxide 0.010 3.000 ND Indicatorial Pyrethrins 0.010 2.000 ND Indicatorial Quintozene 0.050 0.800 ND Indicatorial Spinetoram 0.010 1.000 ND Indicatorial Spinosad 0.010 1.000 ND Indicatorial	Fenhexamid	0.010	1.000	ND	Pass
Imidacloprid	Flonicamid	0.010	1.000	ND	Pass
Myclobutanil 0.010 0.400 ND I Paclobutrazol 0.010 0.400 ND I Piperonyl Butoxide 0.010 3.000 ND I Pyrethrins 0.010 2.000 ND I Quintozene 0.050 0.800 ND I Spinetoram 0.010 1.000 ND I Spinosad 0.010 1.000 ND I	Fludioxonil	0.010	0.500	ND	Pass
Paclobutrazol 0.010 0.400 ND February Piperonyl Butoxide 0.010 3.000 ND February Pyrethrins 0.010 2.000 ND February Quintozene 0.050 0.800 ND February Spinetoram 0.010 1.000 ND February Spinosad 0.010 1.000 ND February	Imidacloprid	0.010	0.500	ND	Pass
Piperonyl Butoxide 0.010 3.000 ND I Pyrethrins 0.010 2.000 ND I Quintozene 0.050 0.800 ND I Spinetoram 0.010 1.000 ND I Spinosad 0.010 1.000 ND I	Myclobutanil	0.010	0.400	ND	Pass
Pyrethrins 0.010 2.000 ND I Quintozene 0.050 0.800 ND I Spinetoram 0.010 1.000 ND I Spinosad 0.010 1.000 ND I	Paclobutrazol	0.010	0.400	ND	Pass
Quintozene 0.050 0.800 ND F Spinetoram 0.010 1.000 ND F Spinosad 0.010 1.000 ND F	Piperonyl Butoxide	0.010	3.000	ND	Pass
Spinetoram 0.010 1.000 ND I Spinosad 0.010 1.000 ND I	Pyrethrins	0.010	2.000	ND	Pass
Spinosad 0.010 1.000 ND I	Quintozene	0.050	0.800	ND	Pass
	Spinetoram	0.010	1.000	ND	Pass
Spiretotromet 0.010 1.000 ND	Spinosad	0.010	1.000	ND	Pass
Spirotetramat 0.010 1.000 ND i	Spirotetramat	0.010	1.000	ND	Pass
Thiamethoxam 0.010 0.400 ND F	Thiamethoxam	0.010	0.400	ND	Pass
Trifloxystrobin 0.010 1.000 ND I	Trifloxystrobin	0.010	1.000	ND	Pass

Microbials			Pass
Analyte	Limit	Mass	Status
	CFU/g	CFU/g	
Shiga toxin-producing E. coli	ND in 1g	NĎ	Pass
Salmonella	ND in 1g	ND	Pass
Aerobic Bacteria	100000	ND	Pass
Bile-Tolerant Gram-Negative Bacteria	1000	ND	Pass

Counts over 20,000 are estimates for Bile-Tolerant Gram-Negative Bacteria and Total coliforms. Counts over 40,000 are estimates for Yeast & Mold.ND = Not Detectable, NR = Not Reported, NT = Not Tested. Yeast & Mold, Bile-tolerant bacteria, and Total coliform analyzed by SOP-M003 (chromogenic plates). Aspergillus, Salmonella, and E. coli analyzed by SOP-M004 and SOP-M005 (qPCR). Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. Notes:

LOQ = Limit of Quantitation; The reported result is based on a sample weight with the applicable moisture content for that sample; ND = Not Detectable, NR = Not Reported, NT = Not Tested. Pesticides analyzed per Canalysis SOP-10/SOP-15 using Agilent 1260 LC-MS and/or 7000 GC-MS. Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. Notes:

Heavy Metals				Pass
Analyte	LOQ	Limit	Mass	Status
	PPB	PPB	PPB	
Arsenic	250.000	2000.000	<loq< td=""><td>Pass</td></loq<>	Pass
Cadmium	250.000	820.000	<loq< td=""><td>Pass</td></loq<>	Pass
Lead	250.000	1200.000	<loq< td=""><td>Pass</td></loq<>	Pass
Mercury	25,000	400 000	<100	Pass

LOQ = Limit of Quantitation; The reported result is based on a sample weight with the applicable moisture content for that sample;ND = Not Detectable, NR = Not Reported, NT = Not Tested. Heavy Metals analyzed per Canalysis SOP-08 on an Agilent 7800 ICP-MS. Notes:

Mycotoxins			Pass
Analyta	100	Limit	Mace Status

Analyte	LOQ	Limit	Mass	Status
	PPB	PPB	PPB	
Aflatoxins	10.00	20.00	ND	Pass
Ochratoxin A	10.00	20.00	ND	Pass

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