



CERTIFICATE OF ANALYSIS

STATUS: **RELEASED** REVISION: 00

DATE: 09/23/2021

Analysis ID No. 213354
 TDA License No. 2020002
 ISO/IEC No. 1055838
 Customer No. 20210841
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CUSTOMER INFORMATION		SAMPLE INFORMATION	
Company Name:	Medterra CBD	Submitted Sample Name:	Medterra Broad Spectrum 50mg Capsules, 30 ct
Address:	9805 Research Dr; Irvine, California 92618 USA	Submitted Sample Lot:	53319
Phone Number:	800-972-1288	Submitted Sample Description:	Clear Capsules with Oil Filled in Plastic Container; Stored Rm Temp
Contact Name / Email:	support@medterracbd.com	Submitted Sample Product Type / Matrix:	Hemp Extract / Capsules / Oil

TOTAL THC ASSAY (COMPLIANCE, USDA)								
Analysis	Test Method	LOD	LOQ	Specifications	Test Results			Pass / Fail
Δ9-THC	UHPLC-DAD	0.0007 w/w%	0.002 w/w%	w/w%: NMT 0.300 mg/g; NMT 3.00 (Δ9-THC States Only)	Replicate 1	Replicate 2	Average	PASS
					0.004 w/w% 0.039 mg/g	0.004 w/w% 0.039 mg/g	0.004 w/w% 0.039 mg/g	
THCa	UHPLC-DAD	0.0007 w/w%	0.002 w/w%	w/w%: Report Only mg/g: Report Only	Replicate 1	Replicate 2	Average	Results Reported
					< LOD < LOQ	< LOD < LOQ	< LOD < LOQ	
Total THC	UHPLC-DAD	0.0007 w/w%	0.002 w/w%	w/w%: NMT 0.300 mg/g; NMT 3.00	Replicate 1	Replicate 2	Average	PASS
					0.004 w/w% 0.039 mg/g	0.004 w/w% 0.039 mg/g	0.004 w/w% 0.039 mg/g	
Measurement Uncertainty (MU) = 0.02% at 0.3% THC					Total Potential THC = (THCa x 0.877)+ (Δ9-THC)			

LABEL CLAIM								
Analysis	Test Method	LOD	LOQ	Specifications	Test Results			Pass / Fail
CBD	UHPLC-DAD	0.0007 w/w%	0.002 w/w%	mg/unit: Report Only* Target: 50 mg/capsule	Replicate 1	Replicate 2	Average	Results Reported
					55.325 mg/capsule	55.640 mg/capsule	55.482 mg/capsule	
CBD	UHPLC-DAD	0.0007 w/w%	0.002 w/w%	% Label Claim: No Less Than (NLT) 100% Target: 100%	Replicate 1	Replicate 2	Average	PASS
					110.6%	111.3%	111.0%	
*Actual Capsule Content Weight = 0.648 grams								

CANNABINOIDS ASSAY							
Analysis	Test Method	LOD	LOQ	Specifications	Test Results	Pass / Fail	
CBD	UHPLC-DAD	0.0007 w/w%	0.002 w/w%	w/w%: Report Only mg/g: Report Only	8.562 w/w%	Results Reported	
					85.621 mg/g		
CBDa	UHPLC-DAD	0.0007 w/w%	0.002 w/w%	w/w%: Report Only mg/g: Report Only	< LOD	Results Reported	
					< LOQ		
Δ9-THC	UHPLC-DAD	0.0007 w/w%	0.002 w/w%	w/w%: Report Only mg/g: Report Only	0.004 w/w%	Results Reported	
					0.039 mg/g		
Δ8-THC	UHPLC-DAD	0.0007 w/w%	0.002 w/w%	w/w%: Report Only mg/g: Report Only	< LOD	Results Reported	
					< LOQ		
Exo-THC	UHPLC-DAD	0.0007 w/w%	0.002 w/w%	w/w%: Report Only mg/g: Report Only	< LOD	Results Reported	
					< LOQ		
THCa	UHPLC-DAD	0.0007 w/w%	0.002 w/w%	w/w%: Report Only mg/g: Report Only	< LOD	Results Reported	
					< LOQ		
CBG	UHPLC-DAD	0.0007 w/w%	0.002 w/w%	w/w%: Report Only mg/g: Report Only	0.338 w/w%	Results Reported	
					3.381 mg/g		
CBGa	UHPLC-DAD	0.0007 w/w%	0.002 w/w%	w/w%: Report Only mg/g: Report Only	< LOD	Results Reported	
					< LOQ		
CBN	UHPLC-DAD	0.0007 w/w%	0.002 w/w%	w/w%: Report Only mg/g: Report Only	0.361 w/w%	Results Reported	
					3.610 mg/g		
CBNa	UHPLC-DAD	0.0007 w/w%	0.002 w/w%	w/w%: Report Only mg/g: Report Only	< LOD	Results Reported	
					< LOQ		

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CANNABINOIDS ASSAY						
Analysis	Test Method	LOD	LOQ	Specifications	Test Results	Pass / Fail
CBC	UHPLC-DAD	0.0007 w/w%	0.002 w/w%	w/w%: Report Only mg/g: Report Only	0.305 w/w% 3.610 mg/g	Results Reported
CBCa	UHPLC-DAD	0.0007 w/w%	0.002 w/w%	w/w%: Report Only mg/g: Report Only	< LOD < LOQ	Results Reported
CBL	UHPLC-DAD	0.0007 w/w%	0.002 w/w%	w/w%: Report Only mg/g: Report Only	< LOD < LOQ	Results Reported
CBDV	UHPLC-DAD	0.0007 w/w%	0.002 w/w%	w/w%: Report Only mg/g: Report Only	0.041 w/w% 0.410 mg/g	Results Reported
CBDVa	UHPLC-DAD	0.0007 w/w%	0.002 w/w%	w/w%: Report Only mg/g: Report Only	< LOD < LOQ	Results Reported
THCV	UHPLC-DAD	0.0007 w/w%	0.002 w/w%	w/w%: Report Only mg/g: Report Only	< LOD < LOQ	Results Reported
THCVa	UHPLC-DAD	0.0007 w/w%	0.002 w/w%	w/w%: Report Only mg/g: Report Only	< LOD < LOQ	Results Reported
Total Cannabinoids	UHPLC-DAD	0.0007 w/w%	0.002 w/w%	w/w%: Report Only mg/g: Report Only	9.611 w/w% 96.107 mg/g	Results Reported

HEAVY METAL ASSAY						
Analysis	Test Method	LOD	LOQ	Specifications	Test Results	Pass / Fail
Lead	USP <232> <233> by ICP-MS	3 ppb	10 ppb	NMT 1000 ppb	< LOD < LOQ	PASS
Mercury	USP <232> <233> by ICP-MS	2 ppb	5 ppb	NMT 500 ppb	< LOD < LOQ	PASS
Cadmium	USP <232> <233> by ICP-MS	3 ppb	10 ppb	NMT 300 ppb	< LOD < LOQ	PASS
Arsenic	USP <232> <233> by ICP-MS	3 ppb	10 ppb	NMT 1500 ppb	< LOD < LOQ	PASS

RESIDUAL SOLVENTS ASSAY						
Analysis	Test Method	LOD	LOQ	Specifications	Test Results	Pass / Fail
1,1-Dichloroethene	USP <467> by GC-MS	0.007 ppm	0.4 ppm	NMT 8 ppm	< LOD < LOQ	PASS
1,1,1-Trichloroethane	USP <467> by GC-MS	1.25 ppm	75 ppm	NMT 1,500 ppm	< LOD < LOQ	PASS
1,2-Dichloroethane	USP <467> by GC-MS	0.005 ppm	0.25 ppm	NMT 5 ppm	< LOD < LOQ	PASS
Benzene	USP <467> by GC-MS	0.002 ppm	0.1 ppm	NMT 2 ppm	< LOD < LOQ	PASS
Carbon tetrachloride	USP <467> by GC-MS	0.004 ppm	0.2 ppm	NMT 4 ppm	< LOD < LOQ	PASS
1,2-dichloroethene (E,Z)	USP <467> by GC-MS	1.560 ppm	93.5 ppm	NMT 1870 ppm	< LOD < LOQ	PASS
1,2-Dimethoxyethane	USP <467> by GC-MS	0.090 ppm	5 ppm	NMT 100 ppm	< LOD < LOQ	PASS
1,2,3,4-tetrahydronaphthalene	USP <467> by GC-MS	0.090 ppm	5 ppm	NMT 100 ppm	< LOD < LOQ	PASS
1,4-Dioxane	USP <467> by GC-MS	0.320 ppm	19 ppm	NMT 380 ppm	< LOD < LOQ	PASS
2-Hexanone	USP <467> by GC-MS	0.042 ppm	2.5 ppm	NMT 50 ppm	< LOD < LOQ	PASS
4-methyl-2-pentanone	USP <467> by GC-MS	4.20 ppm	225 ppm	NMT 4,500 ppm	< LOD < LOQ	PASS
Acetonitrile	USP <467> by GC-MS	0.350 ppm	20.5 ppm	NMT 410 ppm	< LOD < LOQ	PASS

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Chlorobenzene	USP <467> by GC-MS	0.30 ppm	18 ppm	NMT 360 ppm	< LOD < LOQ	PASS
Chloroform	USP <467> by GC-MS	0.05 ppm	3 ppm	NMT 60 ppm	< LOD < LOQ	PASS
Cumene	USP <467> by GC-MS	0.06 ppm	3.5 ppm	NMT 70 ppm	< LOD < LOQ	PASS
Cyclohexane	USP <467> by GC-MS	3.3 ppm	194 ppm	NMT 3,880 ppm	< LOD < LOQ	PASS
Dichloromethane	USP <467> by GC-MS	0.50 ppm	30 ppm	NMT 600 ppm	< LOD < LOQ	PASS
Ethylbenzene	USP <467> by GC-MS	1.81 ppm	108.5 ppm	NMT 2,170 ppm	< LOD < LOQ	PASS
Hexane, n-	USP <467> by GC-MS	0.250 ppm	14.5 ppm	NMT 290 ppm	< LOD < LOQ	PASS
Methanol	USP <467> by GC-MS	2.5 ppm	150 ppm	NMT 3,000 ppm	< LOD < LOQ	PASS
Methylcyclohexane	USP <467> by GC-MS	0.98 ppm	59 ppm	NMT 1,180 ppm	< LOD < LOQ	PASS
Nitromethane	USP <467> by GC-MS	0.045 ppm	2.5 ppm	NMT 50 ppm	< LOD < LOQ	PASS
Pyridine	USP <467> by GC-MS	0.20 ppm	10 ppm	NMT 200 ppm	< LOD < LOQ	PASS
Sulfolane	USP <467> by GC-MS	0.60 ppm	8 ppm	NMT 160 ppm	< LOD < LOQ	PASS
Tetrahydrofuran	USP <467> by GC-MS	0.750 ppm	36 ppm	NMT 720 ppm	< LOD < LOQ	PASS
Toluene	USP <467> by GC-MS	0.07 ppm	44.5 ppm	NMT 890 ppm	< LOD < LOQ	PASS
Trichloroethene	USP <467> by GC-MS	36.2 ppm	4 ppm	NMT 80 ppm	< LOD < LOQ	PASS
Xylene, m-	USP <467> by GC-MS	1.81 ppm	108.5 ppm	NMT 2,170 ppm	< LOD < LOQ	PASS
Xylene, o-	USP <467> by GC-MS	1.81 ppm	108.5 ppm	NMT 2,170 ppm	< LOD < LOQ	PASS
Xylene, p-	USP <467> by GC-MS	4.2 ppm	108.5 ppm	NMT 2,170 ppm	< LOD < LOQ	PASS
1-Butanol	USP <467> by GC-MS	4.2 ppm	250 ppm	NMT 5,000 ppm	< LOD < LOQ	PASS
1-Pentanol	USP <467> by GC-MS	4.2 ppm	250 ppm	NMT 5,000 ppm	< LOD < LOQ	PASS
1-Propanol	USP <467> by GC-MS	4.2 ppm	250 ppm	NMT 5,000 ppm	< LOD < LOQ	PASS
2-Butanol	USP <467> by GC-MS	4.2 ppm	250 ppm	NMT 5,000 ppm	< LOD < LOQ	PASS
2-Butanone	USP <467> by GC-MS	4.2 ppm	250 ppm	NMT 5,000 ppm	< LOD < LOQ	PASS
2-methyl-1-propanol	USP <467> by GC-MS	4.2 ppm	250 ppm	NMT 5,000 ppm	< LOD < LOQ	PASS
2-Propanol	USP <467> by GC-MS	4.2 ppm	250 ppm	NMT 5,000 ppm	< LOD < LOQ	PASS
3-methyl-1-butanol	USP <467> by GC-MS	4.2 ppm	250 ppm	NMT 5,000 ppm	< LOD < LOQ	PASS
Acetone	USP <467> by GC-MS	4.2 ppm	250 ppm	NMT 5,000 ppm	< LOD < LOQ	PASS
Anisole	USP <467> by GC-MS	4.2 ppm	250 ppm	NMT 5,000 ppm	< LOD < LOQ	PASS
Butyl acetate	USP <467> by GC-MS	4.2 ppm	250 ppm	NMT 5,000 ppm	< LOD < LOQ	PASS
Ethanol	USP <467> by GC-MS	4.2 ppm	250 ppm	NMT 5,000 ppm	472.22 ppm	PASS

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Ethyl acetate	USP <467> by GC-MS	4.2 ppm	250 ppm	NMT 5,000 ppm	< LOD < LOQ	PASS
Ethyl ether	USP <467> by GC-MS	4.2 ppm	250 ppm	NMT 5,000 ppm	< LOD < LOQ	PASS
Ethyl formate	USP <467> by GC-MS	4.2 ppm	250 ppm	NMT 5,000 ppm	< LOD < LOQ	PASS
Heptane, n-	USP <467> by GC-MS	4.2 ppm	250 ppm	NMT 5,000 ppm	< LOD < LOQ	PASS
Isobutyl acetate	USP <467> by GC-MS	4.2 ppm	250 ppm	NMT 5,000 ppm	< LOD < LOQ	PASS
Isopropyl acetate	USP <467> by GC-MS	4.2 ppm	250 ppm	NMT 5,000 ppm	< LOD < LOQ	PASS
Methyl acetate	USP <467> by GC-MS	4.2 ppm	250 ppm	NMT 5,000 ppm	< LOD < LOQ	PASS
N,N-Dimethylsulfoxide	USP <467> by GC-MS	4.2 ppm	250 ppm	NMT 5,000 ppm	< LOD < LOQ	PASS
Pentane, n-	USP <467> by GC-MS	4.2 ppm	250 ppm	NMT 5,000 ppm	< LOD < LOQ	PASS
Propyl acetate	USP <467> by GC-MS	4.2 ppm	250 ppm	NMT 5,000 ppm	< LOD < LOQ	PASS
t-Butyl Methyl Ether	USP <467> by GC-MS	4.2 ppm	250 ppm	NMT 5,000 ppm	< LOD < LOQ	PASS
Triethylamine	USP <467> by GC-MS	4.2 ppm	250 ppm	NMT 5,000 ppm	< LOD < LOQ	PASS
Butane, iso-	USP <467> by GC-MS	4.2 ppm	250 ppm	NMT 5,000 ppm	< LOD < LOQ	PASS
Butane, n-	USP <467> by GC-MS	4.2 ppm	250 ppm	NMT 5,000 ppm	< LOD < LOQ	PASS
Propane	USP <467> by GC-MS	4.2 ppm	250 ppm	NMT 5,000 ppm	< LOD < LOQ	PASS
1,1-Dichloroethene	USP <467> by GC-MS	0.007 ppm	0.4 ppm	NMT 8 ppm	< LOD < LOQ	PASS
1,1,1-Trichloroethane	USP <467> by GC-MS	1.25 ppm	75 ppm	NMT 1,500 ppm	< LOD < LOQ	PASS

MICROBIOLOGICAL ASSAY

Analysis	Test Method	LOQ	Specifications	Test Results	Pass / Fail
Total Aerobic Plate Count (TAPC)	Isolation Agar	10 CFU/gm	NMT 1,000 CFU/gm	< LOQ	PASS
Total Yeast & Mold (TYM)	Isolation Agar	10 CFU/gm	NMT 100 CFU/gm	< LOQ	PASS
Escherichia coli (E. coli)	Isolation Agar	1 CFU/gm	Absent	Absent	PASS
Campylobacter	Isolation Agar	1 CFU/gm	Absent	Absent	PASS
Listeria Monocytogenes	Isolation Agar	1 CFU/gm	Absent	Absent	PASS
Salmonella	Isolation Agar	1 CFU/gm	Absent	Absent	PASS
Shiga-Toxin E.coli (STEC)	Isolation Agar	1 CFU/gm	Absent	Absent	PASS
Staphylococcus aureus	Isolation Agar	1 CFU/gm	Absent	Absent	PASS
Yersinia	Isolation Agar	1 CFU/gm	Absent	Absent	PASS

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PESTICIDES ASSAY						
Analysis	Test Method	LOD	LOQ	Specifications	Test Results	Pass / Fail
Acetamiprid	LC-MS/MS & GC-MS/MS	0.02 ppm	0.050 ppm	NMT 0.200 ppm	< LOD < LOQ	PASS
Aldicarb	LC-MS/MS & GC-MS/MS	0.020 ppm	0.050 ppm	NMT 0.400 ppm	< LOD < LOQ	PASS
Azoxystrobin	LC-MS/MS & GC-MS/MS	0.003 ppm	0.010 ppm	NMT 0.200 ppm	< LOD < LOQ	PASS
Bifenazate	LC-MS/MS & GC-MS/MS	0.002 ppm	0.005 ppm	NMT 0.200 ppm	< LOD < LOQ	PASS
Boscalid	LC-MS/MS & GC-MS/MS	0.020 ppm	0.050 ppm	NMT 0.200 ppm	< LOD < LOQ	PASS
Carbaryl (Sevin)	LC-MS/MS & GC-MS/MS	0.040 ppm	0.100 ppm	NMT 0.500 ppm	< LOD < LOQ	PASS
Carbofuran	LC-MS/MS & GC-MS/MS	0.020 ppm	0.050 ppm	NMT 0.200 ppm	< LOD < LOQ	PASS
Chlorantraniliprole	LC-MS/MS & GC-MS/MS	0.040 ppm	0.100 ppm	NMT 0.200 ppm	< LOD < LOQ	PASS
Chlorpyrifos	LC-MS/MS & GC-MS/MS	0.020 ppm	0.050 ppm	NMT 0.600 ppm	< LOD < LOQ	PASS
Cypermethrin	LC-MS/MS & GC-MS/MS	0.009 ppm	0.025 ppm	NMT 18.0 ppm	< LOD < LOQ	PASS
Diazinon	LC-MS/MS & GC-MS/MS	0.020 ppm	0.050 ppm	NMT 2.600 ppm	< LOD < LOQ	PASS
Dichlorvos	LC-MS/MS & GC-MS/MS	0.020 ppm	0.050 ppm	NMT 0.100 ppm	< LOD < LOQ	PASS
Ethoprophos (Prophos)	LC-MS/MS & GC-MS/MS	0.020 ppm	0.050 ppm	NMT 0.400 ppm	< LOD < LOQ	PASS
Etofenprox	LC-MS/MS & GC-MS/MS	0.020 ppm	0.050 ppm	NMT 0.400 ppm	< LOD < LOQ	PASS
Fipronil	LC-MS/MS & GC-MS/MS	0.020 ppm	0.050 ppm	NMT 1.000 ppm	< LOD < LOQ	PASS
Fonicamid	LC-MS/MS & GC-MS/MS	0.020 ppm	0.050 ppm	NMT 1.000 ppm	< LOD < LOQ	PASS
Imidacloprid	LC-MS/MS & GC-MS/MS	0.002 ppm	0.005 ppm	NMT 0.400 ppm	< LOD < LOQ	PASS
Metalaxyl	LC-MS/MS & GC-MS/MS	0.040 ppm	0.100 ppm	NMT 0.200 ppm	< LOD < LOQ	PASS
Methiocarb	LC-MS/MS & GC-MS/MS	0.020 ppm	0.050 ppm	NMT 0.400 ppm	< LOD < LOQ	PASS
Methomyl	LC-MS/MS & GC-MS/MS	0.070 ppm	0.200 ppm	NMT 0.400 ppm	< LOD < LOQ	PASS
Methyl parathion	LC-MS/MS & GC-MS/MS	0.020ppm	0.050 ppm	NMT 8.500 ppm	< LOD < LOQ	PASS
Myclobutanil	LC-MS/MS & GC-MS/MS	0.002 ppm	0.005 ppm	NMT 0.300 ppm	< LOD < LOQ	PASS
Oxamyl	LC-MS/MS & GC-MS/MS	0.090 ppm	0.250 ppm	NMT 1.000 ppm	< LOD < LOQ	PASS
Permethrin (mix of isomers)	LC-MS/MS & GC-MS/MS	0.007 ppm	0.020 ppm	NMT 1.100 ppm	< LOD < LOQ	PASS
Pyridaben	LC-MS/MS & GC-MS/MS	0.020 ppm	0.050 ppm	NMT 0.200 ppm	< LOD < LOQ	PASS
Spiroxamine	LC-MS/MS & GC-MS/MS	0.020 ppm	0.050 ppm	NMT 2.000 ppm	< LOD < LOQ	PASS
Tebuconazole	LC-MS/MS & GC-MS/MS	0.002 ppm	0.005 ppm	NMT 0.400 ppm	< LOD < LOQ	PASS
Thiacloprid	LC-MS/MS & GC-MS/MS	0.020 ppm	0.050 ppm	NMT 0.200 ppm	< LOD < LOQ	PASS

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Thiamethoxam	LC-MS/MS & GC-MS/MS	0.009 ppm	0.025 ppm	NMT 0.200 ppm	< LOD < LOQ	PASS

TERPENES ASSAY						
Analysis	Test Method	LOD	LOQ	Specifications	Test Results	Pass / Fail
α - Pinene	GC-FID	0.0009 w/w%	0.0025 w/w%	w/w%: Report Only mg/g: Report Only	< LOD < LOQ	Results Reported
Camphene	GC-FID	0.0009 w/w%	0.0025 w/w%	w/w%: Report Only mg/g: Report Only	< LOD < LOQ	Results Reported
β - Myrcene	GC-FID	0.0009 w/w%	0.0025 w/w%	w/w%: Report Only mg/g: Report Only	< LOD < LOQ	Results Reported
β - Pinene	GC-FID	0.0009 w/w%	0.0025 w/w%	w/w%: Report Only mg/g: Report Only	< LOD < LOQ	Results Reported
β - Carene	GC-FID	0.0009 w/w%	0.0025 w/w%	w/w%: Report Only mg/g: Report Only	< LOD < LOQ	Results Reported
α - Terpinene	GC-FID	0.0009 w/w%	0.0025 w/w%	w/w%: Report Only mg/g: Report Only	< LOD < LOQ	Results Reported
E - Ocimene	GC-FID	0.0009 w/w%	0.0025 w/w%	w/w%: Report Only mg/g: Report Only	< LOD < LOQ	Results Reported
δ - Limonene	GC-FID	0.0009 w/w%	0.0025 w/w%	w/w%: Report Only mg/g: Report Only	< LOD < LOQ	Results Reported
p - Cymene	GC-FID	0.0009 w/w%	0.0025 w/w%	w/w%: Report Only mg/g: Report Only	< LOD < LOQ	Results Reported
Z - Ocimene	GC-FID	0.0009 w/w%	0.0025 w/w%	w/w%: Report Only mg/g: Report Only	< LOD < LOQ	Results Reported
Eucalyptol	GC-FID	0.0009 w/w%	0.0025 w/w%	w/w%: Report Only mg/g: Report Only	< LOD < LOQ	Results Reported
γ - Terpinene	GC-FID	0.0009 w/w%	0.0025 w/w%	w/w%: Report Only mg/g: Report Only	< LOD < LOQ	Results Reported
Terpinolene	GC-FID	0.0009 w/w%	0.0025 w/w%	w/w%: Report Only mg/g: Report Only	< LOD < LOQ	Results Reported
Linalool	GC-FID	0.0009 w/w%	0.0025 w/w%	w/w%: Report Only mg/g: Report Only	0.002 w/w% 0.015 mg/g	Results Reported
Isopulegol	GC-FID	0.0009 w/w%	0.0025 w/w%	w/w%: Report Only mg/g: Report Only	< LOD < LOQ	Results Reported
Geraniol	GC-FID	0.0009 w/w%	0.0025 w/w%	w/w%: Report Only mg/g: Report Only	< LOD < LOQ	Results Reported
β - Caryophyllene	GC-FID	0.0009 w/w%	0.0025 w/w%	w/w%: Report Only mg/g: Report Only	0.051 w/w% 0.510 mg/g	Results Reported
Humulene	GC-FID	0.0009 w/w%	0.0025 w/w%	w/w%: Report Only mg/g: Report Only	0.021 w/w% 0.206 mg/g	Results Reported
Cis - Nerolidol	GC-FID	0.0009 w/w%	0.0025 w/w%	w/w%: Report Only mg/g: Report Only	< LOD < LOQ	Results Reported
Trans - Nerolidol	GC-FID	0.0009 w/w%	0.0025 w/w%	w/w%: Report Only mg/g: Report Only	0.005 w/w% 0.048 mg/g	Results Reported
α - Guaiol	GC-FID	0.0009 w/w%	0.0025 w/w%	w/w%: Report Only mg/g: Report Only	0.019 w/w% 0.190 mg/g	Results Reported
Caryophyllene Oxide	GC-FID	0.0009 w/w%	0.0025 w/w%	w/w%: Report Only mg/g: Report Only	0.014 w/w% 0.141 mg/g	Results Reported
α - Bisabolol	GC-FID	0.0009 w/w%	0.0025 w/w%	w/w%: Report Only mg/g: Report Only	0.048 w/w% 0.477 mg/g	Results Reported

Santé Laboratories, LLC - 8201 East Riverside Drive, STE 650, Austin, Texas 78744 USA
 Email: Testing@santelabs.com - Telephone: 512-309-5830 - Website: www.santelabs.com

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CERTIFICATE OF ANALYSIS

STATUS: **RELEASED** REVISION: 00

DATE: 09/23/2021

Analysis ID No. 213354
 TDA License No. 2020002
 ISO/IEC No. 1055838
 Customer No. 20210841
 Page No. Page 7 of 7

TERPENES ASSAY						
Analysis	Test Method	LOD	LOQ	Specifications	Test Results	Pass / Fail
Total Terpenes	GC-FID	0.0009 w/w%	0.0025 w/w%	w/w%: Report Only mg/g: Report Only	0.159 w/w% 1.588 mg/g	Results Reported


MYCOTOXINS ASSAY						
Analysis	Test Method	LOD	LOQ	Specifications	Test Results	Pass / Fail
Total Aflatoxins	LC-MS/MS	2 ppm	5 ppb	NMT 20 ppb (20 mcg/kg)	< LOD < LOQ	PASS
Aflatoxin B1	LC-MS/MS	2 ppm	5 ppb	Report Only	< LOD < LOQ	Results Reported
Aflatoxin B2	LC-MS/MS	2 ppm	5 ppb	Report Only	< LOD < LOQ	Results Reported
Aflatoxin G1	LC-MS/MS	2 ppm	5 ppb	Report Only	< LOD < LOQ	Results Reported
Aflatoxin G2	LC-MS/MS	2 ppm	5 ppb	Report Only	< LOD < LOQ	Results Reported
Ochratoxin A	LC-MS/MS	2 ppm	5 ppb	NMT 20 ppb (20 mcg/kg)	< LOD < LOQ	PASS

ASPERGILLUS ASSAY					
Analysis	Test Method	LOQ	Specifications	Test Results	Pass / Fail
Aspergillus flavus	RT-PCR	1 CFU/g	Absent	Absent	PASS
Aspergillus fumigatus	RT-PCR	1 CFU/g	Absent	Absent	PASS
Aspergillus niger	RT-PCR	1 CFU/g	Absent	Absent	PASS
Aspergillus terreus	RT-PCR	1 CFU/g	Absent	Absent	PASS

TESTING FACILITY INFORMATION	SAMPLE INFORMATION
Santé Laboratories 8201 East Riverside Drive, STE 650 Austin, Texas 78744 USA	Santé Sample ID: 213354 Receipt Date: 09/20/2021 / 10:16 AM CST / M. Cardona Receipt Condition: Good Analysis Start Date: 09/21/2021

ADDITIONAL REPORT NOTES
The reported results presented in this document are only applicable to samples submitted to Santé Laboratories for testing and may not represent the entire lot and/or batch produced by the manufacturer. Specifications provided by Sponsor. Average of duplicate preparations. Cannabinoids tested according to performance methods by AOAC SMPR 2019.003. ©2020 Santé Laboratories, LLC – All Rights Reserved

VERSION HISTORY		
Version	Effective Date	Summary of Changes
00	09/23/2021	Initial Release

REVIEWED AND APPROVED BY	
DocuSigned by:  Brian Sloat, Ph.D. Chief Scientific Officer / Quality Manager Santé Laboratories <small>1DA7685D65C740B...</small>	23 September 2021 7:54:24 PM PDT <small>DD-MM-YY</small> Date