

Green Analytics NY, LLC
401 North Middletown Road, Building 60B
Pearl River, NY 10965
www.greenanalyticsllc.com
License #s: OCMPPCL-00013
ISO 17025 Certificate No.: 4356.09

Sample Result: PASS

Date Reported:	7/22/2024	Sample ID:	20240717-CRNA-004
Client Name:	Hemp Hunter Labs Inc. dba Cirona Labs	Sample Name:	Tangerine Dream
Sampling Location:	Rochester, New York	Sample Matrix:	Concentrate
Contact Name:	Tyler Bast	Sample Sub Type:	Pen
Contact Email:	tyler@cironalabs.com	Package ID:	
License Number:	OCM-AUCP-22-000002	Batch Lot ID:	V-CA-TD-01-0724
Medical/Adult Use:	Adult Use	Batch Size:	1524
Sampling Date:	07/17/2024 01:20:00 PM	Serving Size (g):	1

Potency	T	Pesticides	P	Heavy Metals	P	Mycotoxins	P
Water Activity	-	Microbiological	P	Residual Solvents	P	Terpenes	P
		Moisture	-	Filth & Foreign Material	-		

"-" = Not Tested; "T" = Tested; "P" = Pass; "F" = Fail

Cannabinoids: Tangerine Dream (20240717-CRNA-004)

Potency analysis utilizing HPLC (HPLC-UV: SOP-073-GA)

Analyte	% w/w	mg/serving	MRL (% w/w)
CBDV	< MRL	< MRL	0.219
CBDA	< MRL	< MRL	0.219
CBGA	< MRL	< MRL	0.219
CBG	3.530	35.303	0.219
CBD	< MRL	< MRL	0.219
THCV	< MRL	< MRL	0.219
CBN	< MRL	< MRL	0.219
D9-THC	78.033	780.330	0.219
D8-THC	< MRL	< MRL	0.219
D10-THC-S	< MRL	< MRL	0.219
D10-THC-R	< MRL	< MRL	0.219
CBC	1.485	14.850	0.219
THCA	< MRL	< MRL	0.219

MRL = Minimum reporting limit/limit of quantification
mg/serving = % w/w x10 x serving size weight (g)

Test ID: #68129 | Date Tested: 07/19/2024 02:52 PM

Potency Summary	% w/w	mg/serving
Total THC [Δ^8 -THC + Δ^9 -THC + Δ^{10} -THC + (THCA * 0.877)]	78.033	780.330
Total CBD [CBD + (CBDA * 0.877)]	< MRL	< MRL
Total Cannabinoids	83.048	830.483



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Terpenes: Tangerine Dream (20240717-CRNA-004)

Terpenes analysis utilizing GC-MS (GC-MS: SOP-063-GA, SOP-069-GA)

Analyte	Result (% w/w)	MRL (% w/w)
alpha-Pinene	< MRL	0.12
Camphene	< MRL	0.12
Sabinene	< MRL	0.12
beta-Pinene	0.24	0.12
beta-Myrcene	1.59	0.12
Alpha-phellandrene	< MRL	0.12
Carene	< MRL	0.12
alpha-terpinene	< MRL	0.12
p-Cymene	< MRL	0.12
Limonene	0.70	0.12
Eucalyptol	< MRL	0.12
Ocimene	0.63	0.09
gamma-Terpinene	< MRL	0.12
Sabinene Hydrate	< MRL	0.12
Terpinolene	1.12	0.12
Linalool	0.13	0.12
Fenchol	< MRL	0.12
Menthol	< MRL	0.12
Terpineol	< MRL	0.12
Citronellol	< MRL	0.12
Isopulegol	< MRL	0.12
Geraniol	< MRL	0.12
Alpha-cedrene	0.17	0.10
Beta-Caryophyllene	< MRL	0.12
Farnesene	< MRL	0.12
alpha-Humulene	0.42	0.12
Valencene	< MRL	0.12
cis-Nerolidol	< MRL	0.05
trans-Nerolidol	< MRL	0.07
Caryophyllene oxide	< MRL	0.12
Guaiol	0.31	0.12
alpha-Bisabolol	0.22	0.12

MRL = Minimum reporting limit/limit of quantification

Test ID: #68135 | Date Tested: 07/21/2024 12:11 PM

Terpenes Summary	Result	Limit	Pass/Fail
Total Terpenes (% w/w)	5.53	10	PASS



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Residual Solvents: Tangerine Dream (20240717-CRNA-004)

PASS

Residual solvents and processing chemicals analysis utilizing Headspace Gas Chromatography – Mass Spectrometry (GC-MS: SOP-067-GA, SOP-010-GA)

Analyte	Pass/Fail	Result (µg/g)	Limit (µg/g)	MRL (µg/g)
1,2-Dichloroethane	PASS	< MRL	5	4.339
2-Propanol	PASS	< MRL	5000	650.087
Acetone	PASS	< MRL	5000	130.018
Acetonitrile	PASS	< MRL	410	53.307
Butanes, total	PASS	< MRL	5000	650.087
Benzene	PASS	< MRL	2	0.868
Chloroform	PASS	< MRL	60	7.801
Dichloromethane	PASS	< MRL	600	78.010
Dimethyl Sulfoxide	PASS	< MRL	5000	1170.157
Ethanol	PASS	< MRL	5000	650.087
Ethyl acetate	PASS	< MRL	5000	650.087
Ethyl ether	PASS	< MRL	5000	650.087
n-Heptane	PASS	< MRL	5000	650.087
Hexanes, total	PASS	< MRL	290	37.705
Methanol	PASS	< MRL	3000	390.053
Pentanes, total	PASS	< MRL	5000	650.087
Propane	PASS	< MRL	5000	650.087
Toluene	PASS	< MRL	890	115.715
Trichloroethane	PASS	< MRL	1500	1170.157
Xylenes, total	PASS	< MRL	2170	282.139

MRL = Minimum reporting limit/limit of quantification

Test ID: #68134 | Date Tested: 07/20/2024 09:21 AM



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Pesticides: Tangerine Dream (20240717-CRNA-004)

PASS

Residual pesticide analysis utilizing Liquid Chromatography - Mass Spectrometry (LC-MS/MS: SOP-062-GA, SOP-070-GA)

Analyte	Pass/Fail	Result (µg/g)	Limit (µg/g)	MRL (µg/g)
Abamectin	PASS	< MRL	0.50	0.100
Acephate	PASS	< MRL	0.40	0.100
Acequinocyl	PASS	< MRL	2.00	0.100
Acetamiprid	PASS	< MRL	0.20	0.100
Aldicarb	PASS	< MRL	0.40	0.100
Azadirachtin	PASS	< MRL	1.00	0.250
Azoxystrobin	PASS	< MRL	0.20	0.100
Bifenazate	PASS	< MRL	0.20	0.100
Bifenthrin	PASS	< MRL	0.20	0.100
Boscalid	PASS	< MRL	0.40	0.100
Captan	PASS	< MRL	1.00	0.500
Carbaryl	PASS	< MRL	0.20	0.100
Carbofuran	PASS	< MRL	0.20	0.100
Chlorantranilprole	PASS	< MRL	0.20	0.100
Chlordane	PASS	< MRL	1.00	0.250
Chlorfenapyr	PASS	< MRL	1.00	0.050
Chlormequat chloride	PASS	< MRL	1.00	0.100
Chlorpyrifos	PASS	< MRL	0.20	0.100
Clofentezine	PASS	< MRL	0.20	0.100
Coumaphos	PASS	< MRL	1.00	0.100
Cyfluthrin	PASS	< MRL	1.00	0.100
Cypermethrin	PASS	< MRL	1.00	0.100
Daminozide	PASS	< MRL	1.00	0.100
Diazinon	PASS	< MRL	0.20	0.100
Dichlorvos	PASS	< MRL	1.00	0.100
Dimethoate	PASS	< MRL	0.20	0.100
Dimethomorph	PASS	< MRL	1.00	0.100
Ethoprophos	PASS	< MRL	0.20	0.100
Etofenprox	PASS	< MRL	0.40	0.100
Etoxazole	PASS	< MRL	0.20	0.100
Fenhexamid	PASS	< MRL	1.00	0.100
Fenoxycarb	PASS	< MRL	0.20	0.100
Fenpyroximate	PASS	< MRL	0.40	0.100
Fipronil	PASS	< MRL	0.40	0.100
Flonicamid	PASS	< MRL	1.00	0.100
Fludioxonil	PASS	< MRL	0.40	0.100
Hexythiazox	PASS	< MRL	1.00	0.100
Imazalil	PASS	< MRL	0.20	0.100
Imidacloprid	PASS	< MRL	0.40	0.100
Indole-3-butyric acid	PASS	< MRL	1.00	0.250
Kresoxim-methyl	PASS	< MRL	0.40	0.100
Malathion	PASS	< MRL	0.20	0.100
Metalaxyl	PASS	< MRL	0.20	0.100
Methiocarb	PASS	< MRL	0.20	0.100
Methomyl	PASS	< MRL	0.40	0.100
Methyl Parathion	PASS	< MRL	0.20	0.050
Mevinphos	PASS	< MRL	1.00	0.100
MGK-264 I/II	PASS	< MRL	0.20	0.100
Myclobutanil	PASS	< MRL	0.20	0.100
Naled	PASS	< MRL	0.50	0.100
Oxamyl	PASS	< MRL	1.00	0.100
Paclobutrazol	PASS	< MRL	0.40	0.100
Pentachloronitrobenzene	PASS	< MRL	1.00	0.250
Permethrins, total	PASS	< MRL	0.20	0.100
Phosmet	PASS	< MRL	0.20	0.100
Piperonyl butoxide	PASS	< MRL	2.00	0.100
Prallethrin	PASS	< MRL	0.20	0.100
Propiconazole	PASS	< MRL	0.40	0.100
Propoxur	PASS	< MRL	0.20	0.100
Pyrethrins	PASS	< MRL	1.00	0.100
Pyridaben	PASS	< MRL	0.20	0.100
Spinetoram, Total	PASS	< MRL	1.00	0.100
Spinosad, Total	PASS	< MRL	0.20	0.100
Spiromesifen	PASS	< MRL	0.20	0.100
Spirotetramat	PASS	< MRL	0.20	0.100
Spiroxamine	PASS	< MRL	0.20	0.100
Tebuconazole	PASS	< MRL	0.40	0.100
Thiacloprid	PASS	< MRL	0.20	0.100
Thiamethoxam	PASS	< MRL	0.20	0.100
Trifloxystrobin	PASS	< MRL	0.20	0.100

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Test ID: #68133 | Date Tested: 07/21/2024 12:11 PM



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Mycotoxins: Tangerine Dream (20240717-CRNA-004)				PASS
Mycotoxin analysis utilizing Liquid Chromatography - Mass Spectrometry (LC-MS/MS: SOP-062-GA, SOP-070-GA)				
Analyte	Pass/Fail	Result (µg/g)	Limit (µg/g)	MRL (µg/g)
Ochratoxin	PASS	< MRL	0.02	0.010
Total Aflatoxins	PASS	< MRL	0.02	0.010
MRL = Minimum reporting limit/limit of quantification			Test ID: #68132 Date Tested: 07/21/2024 12:11 PM	

Heavy Metals: Tangerine Dream (20240717-CRNA-004)				PASS
Heavy Metals analysis utilizing Inductively Coupled Plasma Mass Spectrometry (ICP-MS: SOP-061-NY, SOP-072-GA)				
Analyte	Pass/Fail	Result (µg/g)	Limit (µg/g)	MRL (µg/g)
Chromium	PASS	< MRL	110.0	8.00
Nickel	PASS	< MRL	2.0	1.00
Copper	PASS	< MRL	30.0	8.00
Arsenic	PASS	< MRL	0.2	0.10
Cadmium	PASS	< MRL	0.3	0.10
Antimony	PASS	< MRL	2.0	1.00
Mercury	PASS	< MRL	0.1	0.05
Lead	PASS	< MRL	0.5	0.20
MRL = Minimum reporting limit/limit of quantification			Test ID: #68130 Date Tested: 07/19/2024 09:37 AM	

Microbiological Screen: Tangerine Dream (20240717-CRNA-004)				PASS
Microbial analysis utilizing quantitative Polymerase Chain Reaction and microbial enumeration (qPCR; SOP-700-NY, SOP-701-NY)				
Analyte	Pass/Fail	Results (CFU/g)	Limit (CFU/g)	MRL (CFU/g)
Total Aerobic Bacteria	PASS	< MRL	10000	100
Total Yeast & Mold	PASS	< MRL	1000	100
Salmonella spp	PASS	Absent	Absent	1
Shiga toxin-producing E. coli	PASS	Absent	Absent	1
Aspergillus (fumigatus, flavus, niger, terreus)	PASS	Absent	Absent	1
MRL = Minimum reporting limit/limit of quantification			Test ID: #68131 Date Tested: 07/21/2024 12:35 PM	



Matthew Elmes
Lab Director
7/22/2024

Deviations: Terpene data associated with a laboratory control standard that was out of specification. Laboratory investigation conducted prior to reporting.

