

Sample Name: Grand Daddy Purple
 LIMS Sample ID: 190514N008
 Batch #:
 Sample Metric ID:
 Sample Type: Concentrate, Inhalable
 Batch Count:
 Sample Count:
 Unit Mass:
 Serving Mass:
 Density:

Date Collected: 05/14/2019
 Date Received: 05/14/2019
 Tested for: Eybna
 License #:
 Address: CA
 Produced by:
 License #:
 Address:
 Overall result for batch:

Moisture Test Results

Moisture	% NT

Cannabinoid Test Results

05/15/2019

Cannabinoid analysis utilizing High Performance Liquid Chromatography (HPLC, QSP 5-4-4-4)

	mg/g	%	LOD mg/g	LOQ mg/g
THC	ND	ND	0.052	0.158
THCa	ND	ND	0.052	0.156
CBD	ND	ND	0.052	0.158
CBDa	ND	ND	0.052	0.156
CBN	ND	ND	0.052	0.157
CBDV	ND	ND	0.021	0.063
CBDVa	ND	ND	0.037	0.111
CBG	ND	ND	0.030	0.092
CBGa	ND	ND	0.044	0.133
THCV	ND	ND	0.023	0.069
Δ8 - THC	ND	ND	0.053	0.162
CBC	ND	ND	0.031	0.094
THCVa	ND	ND	0.091	0.276
CBL	ND	ND	0.130	0.393
CBCa	ND	ND	0.129	0.392

Sum of Cannabinoids:	ND	ND
Total THC (Δ9THC+0.877*THCa)	ND	ND
Total CBD (CBD+0.877*CBDa)	ND	ND

Action Limit mg

THC per Unit
 THC per Serving

Batch Photo



Water Activity Test Results

Water Activity	Aw NT	Action Limit Aw

Terpene Test Results

05/16/2019

Terpene analysis utilizing Gas Chromatography - Flame Ionization Detection (GC - FID)

	mg/g	%	LOD mg/g	LOQ mg/g
☑ Bisabolol	58.14	5.814	0.21	0.67
☑ Pinene	121.79	12.179	0.21	0.67
3 Carene	1.28	0.128	0.21	0.67
Borneol	ND	ND	0.21	0.67
☑ Caryophyllene	258.68	25.868	0.21	0.67
Geraniol	ND	ND	0.21	0.67
☑ Humulene	ND	ND	0.21	0.67
Terpinolene	1.99	0.199	0.21	0.67
Valencene	2.83	0.283	0.21	0.67
Menthol	ND	ND	0.21	0.67
Nerolidol	<LOQ	<LOQ	0.21	0.67
Camphene	2.10	0.210	0.21	0.67
Eucalyptol	ND	ND	0.21	0.67
☑ Cedrene	ND	ND	0.21	0.67
Camphor	ND	ND	0.21	0.67
(-)-Isopulegol	<LOQ	<LOQ	0.21	0.67
Sabinene	ND	ND	0.21	0.67
☑ Terpinene	ND	ND	0.21	0.67
☑ Terpinene	<LOQ	<LOQ	0.21	0.67
Linalool	52.69	5.269	0.21	0.67
Limonene	85.53	8.553	0.21	0.67
Myrcene	264.51	26.451	0.21	0.67
Fenchol	ND	ND	0.21	0.67
☑ Phellandrene	13.35	1.335	0.21	0.67
Caryophyllene Oxide	13.72	1.372	0.21	0.67
Terpineol	ND	ND	0.21	0.67
☑ Pinene	35.32	3.532	0.21	0.67
R-(+)-Pulegone	ND	ND	0.21	0.67
Geranyl Acetate	ND	ND	0.21	0.67
Citronellol	ND	ND	0.21	0.67
p-Cymene	ND	ND	0.21	0.67
Ocimene	69.64	6.964	0.21	0.67
Guaial	ND	ND	0.21	0.67
Phytol	<LOQ	<LOQ	0.21	0.67
Isoborneol	ND	ND	0.21	0.67

Total Terpene Concentration: 981.57 98.157

Sample Certification

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Pesticide Test Results

05/15/2019

Pesticide, Fungicide and plant growth regulator analysis utilizing HPLC-Mass Spectrometry and GC-Mass Spectrometry

	µg/g	Action Limit µg/g	LOD µg/g	LOQ µg/g
Abamectin	ND	0.1	0.030	0.091
Acephate	ND	0.1	0.013	0.039
Acequinocyl	ND	0.1	0.010	0.031
Acetamiprid	ND	0.1	0.013	0.038
Azoxystrobin	ND	0.1	0.015	0.047
Bifenazate	ND	0.1	0.012	0.035
Bifenthrin	ND	3.0	0.013	0.038
Boscalid	ND	0.1	0.008	0.023
Captan	ND	0.7	0.099	0.300
Carbaryl	ND	0.5	0.014	0.043
Chlorantraniliprole	ND	10.0	0.020	0.061
Clofentezine	ND	0.1	0.009	0.027
Cyfluthrin	ND	2.0	0.099	0.299
Cypermethrin	ND	1.0	0.030	0.091
Diazinon	ND	0.1	0.009	0.027
Dimethomorph	ND	2.0	0.018	0.055
Etoxazole	ND	0.1	0.007	0.022
Fenhexamid	ND	0.1	0.015	0.045
Fenpyroximate	ND	0.1	0.012	0.036
Flonicamid	ND	0.1	0.022	0.066
Fludioxonil	ND	0.1	0.020	0.061
Hexythiazox	ND	0.1	0.009	0.027
Imidacloprid	ND	5.0	0.017	0.050
Kresoxim-methyl	ND	0.1	0.010	0.029
Malathion	ND	0.5	0.006	0.019
Metalaxyl	ND	2.0	0.011	0.033
Methomyl	ND	1.0	0.022	0.067
Myclobutanil	ND	0.1	0.015	0.044
Naled	ND	0.1	0.010	0.031
Oxamyl	ND	0.5	0.014	0.042
Pentachloronitrobenzene	ND	0.1	0.020	0.061
Permethrin	ND	0.5	0.027	0.082
Phosmet	ND	0.1	0.010	0.030
Piperonylbutoxide	ND	3.0	0.007	0.020
Prallethrin	ND	0.1	0.011	0.032
Propiconazole	ND	0.1	0.004	0.013
Pyrethrins	ND	0.5	0.012	0.036
Pyridaben	ND	0.1	0.007	0.020
Spinetoram	ND	0.1	0.006	0.017
Spinosad	ND	0.1	0.010	0.031
Spiromesifen	ND	0.1	0.005	0.015
Spirotetramat	ND	0.1	0.014	0.042
Tebuconazole	ND	0.1	0.006	0.018
Thiamethoxam	ND	5.0	0.011	0.033
Trifloxystrobin	ND	0.1	0.007	0.020

Mycotoxin Test Results

Mycotoxin analysis utilizing HPLC-Mass Spectrometry

	µg/kg	Action Limit µg/kg	LOD µg/kg	LOQ µg/kg
Aflatoxin B1, B2, G1, G2	NT			
Ochratoxin A	NT			

Pesticide Test Results

05/15/2019

Pesticide, Fungicide and plant growth regulator analysis utilizing HPLC-Mass Spectrometry and GC-Mass Spectrometry

	µg/g	Action Limit µg/g	LOD µg/g	LOQ µg/g
Aldicarb	ND	ND	0.030	0.091
Carbofuran	ND	ND	0.029	0.089
Chlordane	ND	ND	0.032	0.097
Chlorfenapyr	ND	ND	0.030	0.090
Chlorpyrifos	ND	ND	0.029	0.089
Coumaphos	ND	ND	0.029	0.089
Daminozide	ND	ND	0.030	0.091
DDVP (Dichlorvos)	ND	ND	0.029	0.089
Dimethoate	ND	ND	0.029	0.089
Ethoprop(hos)	ND	ND	0.029	0.089
Etofenprox	ND	ND	0.029	0.089
Fenoxycarb	ND	ND	0.029	0.089
Fipronil	ND	ND	0.029	0.089
Imazalil	ND	ND	0.029	0.089
Methiocarb	ND	ND	0.029	0.089
Methyl parathion	ND	ND	0.029	0.089
Mevinphos	ND	ND	0.029	0.089
Paclobutrazol	ND	ND	0.029	0.089
Propoxur	ND	ND	0.029	0.089
Spiroxamine	ND	ND	0.029	0.089
Thiacloprid	ND	ND	0.029	0.089

Heavy Metal Test Results

Heavy metal analysis utilizing Inductively Coupled Plasma Mass Spectrometry (ICP-MS)

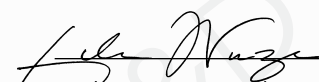
	µg/g	Action Limit µg/g	LOD µg/g	LOQ µg/g
Cadmium	NT			
Lead	NT			
Arsenic	NT			
Mercury	NT			

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Residual Solvent Test Results

05/15/2019 Note

Residual Solvent analysis utilizing Gas Chromatography - Mass Spectrometry (GC - MS)

	µg/g	Action Limit µg/g	LOD µg/g	LOQ µg/g
1,2-Dichloroethane	ND	1.0	0.111	0.336
Benzene	ND	1.0	0.043	0.132
Chloroform	ND	1.0	0.064	0.195
Ethylene Oxide	ND	1.0	0.136	0.413
Methylene chloride	ND	1.0	0.172	0.521
Trichloroethylene	ND	1.0	0.040	0.120
Acetone	546.409	5000.0	14.703	44.549
Acetonitrile	ND	410.0	2.727	8.262
Butane	ND	5000.0	5.672	17.185
Ethanol	ND	5000.0	11.775	35.679
Ethyl acetate	ND	5000.0	16.227	49.169
Ethyl ether	ND	5000.0	11.608	35.172
Heptane	ND	5000.0	12.982	39.336
Hexane	ND	290.0	1.816	5.502
Isopropyl Alcohol	ND	5000.0	15.358	46.536
Methanol	<LOQ	3000.0	15.584	47.220
Pentane	ND	5000.0	12.355	37.434
Propane	ND	5000.0	1.359	4.117
Toluene	35.524	890.0	7.174	21.736
Total Xylenes	<LOQ	2170.0	34.438	104.347

Microbiological Test Results

05/15/2019

PCR and fluorescence detection of microbiological impurities

		Action Limit
Shiga toxin-producing Escherichia coli	ND	ND
Salmonella spp.	ND	ND
Aspergillus fumigatus	ND	ND
Aspergillus flavus	ND	ND
Aspergillus niger	ND	ND
Aspergillus terreus	ND	ND

Foreign Material Test Results

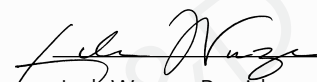
NT

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