Pass

Grand Daddy Purple

Metrc Sample: 1A40603000099ED000006445; Metrc Batch: 1A4060300001F41000000242, 1A4060300001F41000000243, 1A4060300001F41000000248

 Sample ID: HR20200590523
 Produced: 05/18/2020
 Distributor
 Producer

 Strain: Grand Daddy Purple
 Collected: 05/21/2020
 Purple Star MD
 Purple Star MD

 Matrix: Concentrates & Extracts
 Received: 05/21/2020
 Lic. # C11-0000006-LIC
 Lic. # CDPH-10002056

Type: Other Completed: 05/27/2020 2525 Phelps St 2525 Phelps St San Francisco, CA 94124

Sample Size: 200 units; Batch: 15,950 units Batch#: DT-20002 San Francisco, CA 94124



Summary Date Tested Test Result Pass Batch 05/22/2020 Cannabinoids Pass 05/26/2020 Terpenes Complete **Residual Solvents** 05/26/2020 Pass Microbials 05/27/2020 **Pass** Pass Mycotoxins 05/26/2020 05/22/2020 Pesticides Pass Heavy Metals 05/22/2020 Pass

05/27/2020

Cannabinoids

Foreign Matter

46.48	mσ	/unit
40.40	IIIS	umu

Total THC

ND

Total CBD

46.48 mg/unit

Total Cannabinoids

Analyte	LOD	LOQ	Result	Result	
	mg/g	mg/g	mg/unit	mg/g	
THCa	0.00067	0.00200	ND	ND	
Δ9-ΤΗС	0.00067	0.00200	46.48	154.93	
CBDa	0.00067	0.00200	ND	ND	
CBD	0.00067	0.00200	ND	ND	
CBN	0.00017	0.00050	ND	ND	
CBG	0.00017	0.00050	ND	ND	
Total THC			46.48	154.93	
Total CBD			ND	ND	
Total			46.48	154.93	

1 Unit = g/doseable, 0.3g. Determination of Cannabinoids by HPLC, HL223 Total THC = THCa * $0.877 + \Delta 9$ -THC Total CBD = CBDa * 0.877 + CBD

ND = Not Detected; NR = Not Reported; LOD = Limit of Detection; The reported result is based on a sample weight with the applicable moisture content for that sample; Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. HL105.10-01



Ming Li - General Manager



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Purple Star MD

2525 Phelps St

Lic. # C11-0000006-LIC

San Francisco, CA 94124

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Grand Daddy Purple

Metrc Sample: 1A40603000099ED000006445; Metrc Batch: 1A4060300001F41000000242, 1A4060300001F41000000243, 1A4060300001F41000000248

Sample ID: HR20200590523 Produced: 05/18/2020 Strain: Grand Daddy Purple Collected: 05/21/2020 Matrix: Concentrates & Extracts Received: 05/21/2020

Completed: 05/27/2020

Sample Size: 200 units; Batch: 15,950 units Batch#: DT-20002

Distributor Producer

> Purple Star MD Lic. # CDPH-10002056

2525 Phelps St San Francisco, CA 94124

Terpenes

Type: Other

Analyte	LOD	LOQ	Results	Results	
	%	%	%	mg/g	
Terpinolene	0.0080	0.0100	0.770	7.70	
β-Caryophyllene	0.0080	0.0100	0.283	2.83	
β-Myrcene	0.0080	0.0100	0.228	2.28	
δ-Limonene	0.0080	0.0100	0.070	0.70	
α-Bisabolol	0.0080	0.0100	0.067	0.67	
Geraniol	0.0080	0.0100	0.050	0.50	
α-Humulene	0.0080	0.0100	0.031	0.31	
α-Terpinene	0.0080	0.0100	0.027	0.27	
α-Phellandrene	0.0080	0.0100	0.020	0.20	
3-Carene	0.0080	0.0100	ND	ND	
α-Pinene	0.0080	0.0100	ND	ND	
α-Terpineol	0.0080	0.0100	ND	ND	
β-Ocimene	0.0080	0.0100	ND	ND	
β-Pinene	0.0080	0.0100	ND	ND	
Borneol	0.0080	0.0100	ND	ND	
Camphene	0.0080	0.0100	ND	ND	
Caryophyllene Oxide	0.0080	0.0100	ND	ND	
cis-Nerolidol	0.0080	0.0100	ND	ND	
Eucalyptol	0.0080	0.0100	ND	ND	
Fenchol	0.0080	0.0100	ND	ND	
Fenchone	0.0080	0.0100	ND	ND	
y-Terpinene	0.0080	0.0100	ND	ND	
Geranyl Acetate	0.0080	0.0100	ND	ND	
Guaiol	0.0080	0.0100	ND	ND	
Isopulegol	0.0080	0.0100	ND	ND	
Linalool	0.0080	0.0100	ND	ND	
Menthol	0.0080	0.0100	ND	ND	
Nerol	0.0080	0.0100	ND	ND	
Ocimene	0.0080	0.0100	ND	ND	
Pulegone	0.0080	0.0100	ND	ND	
p-Cymene	0.0080	0.0100	ND	ND	
trans-Nerolidol	0.0080	0.0100	ND	ND	
Total			1.546	15.46	

Primary Aromas



Turpentine













ND = Not Detected; NR = Not Reported; LOD = Limit of Detection; Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. HL105.10-





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Sampling Procedure: SOP HL 110.2; Foreign Material: UV light/Microscope SOP HL 323, SOP HL 324; Water Activity; Water Activity Meter SOP HL 238; Moisture: Drying Oven SOP HL217.1; All LQC ran in accordance with 16 CCR sec. 5730. This product has been tested by Harrens Lab Inc. using valid testing methodologies and a quality system as required by state law. Values reported relate only to the product tested. Harrens Lab Inc. makes no claims as to the efficacy, safety or other risks associated with any detected or non-detected levels of any compounds reported herein. This Certificate shall not be reproduced except in full, without the written approval of Harrens Lab Inc. HL105.10-01

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Grand Daddy Purple

Metrc Sample: 1A40603000099ED000006445; Metrc Batch: 1A4060300001F41000000242, 1A4060300001F41000000243, 1A4060300001F41000000248

Sample ID: HR20200590523Produced: 05/18/2020DistributorProducerStrain: Grand Daddy PurpleCollected: 05/21/2020Purple Star MDPurple Star MD

 Matrix: Concentrates & Extracts
 Received: 05/21/2020
 Lic. # C11-0000006-LIC
 Lic. # CDPH-10002056

 Type: Other
 Completed: 05/27/2020
 2525 Phelps St
 2525 Phelps St San Francisco, CA 94124

Sample Size: 200 units; Batch: 15,950 units Batch#: DT-20002 San Francisco, CA 94124

Pesticides Pass

Analyte	LOD	LOQ	Limit	Results	Status	Analyte	LOD	LOQ	Limit	Results	Status
	µg/g	µg/g	µg/g	μg/g			µg/g	μg/g	µg/g	μg/g	
Abamectin	0.03	0.1	0.1	ND	Pass	Fludioxonil	0.03	0.1	0.1	ND	Pass
Acephate	0.03	0.1	0.1	ND	Pass	Hexythiazox	0.03	0.1	0.1	ND	Pass
Acequinocyl	0.03	0.1	0.1	ND	Pass	lmazalil	0.03	0.1	0.03	ND	Pass
Acetamiprid	0.03	0.1	0.1	ND	Pass	Imidacloprid	0.03	0.1	5	ND	Pass
Aldicarb	0.03	0.1	0.03	ND	Pass	Kresoxim Methyl	0.03	0.1	0.1	ND	Pass
Azoxystrobin	0.03	0.1	0.1	ND	Pass	Malathion	0.03	0.1	0.5	ND	Pass
Bifenazate	0.03	0.1	0.1	ND	Pass	Metalaxyl	0.03	0.1	2	ND	Pass
Bifenthrin	0.03	0.1	3	ND	Pass	Methiocarb	0.03	0.1	0.03	ND	Pass
Boscalid	0.03	0.1	0.1	ND	Pass	Methomyl	0.03	0.1	1	ND	Pass
Captan	0.03	0.1	0.7	ND	Pass	Mevinphos	0.03	0.1	0.03	ND	Pass
Carbaryl	0.03	0.1	0.5	ND	Pass	Myclobutanil	0.03	0.1	0.1	ND	Pass
Carbofuran	0.03	0.1	0.03	ND	Pass	Naled	0.03	0.1	0.1	ND	Pass
Chlorantraniliprole	0.03	0.1	10	ND	Pass	Oxamyl	0.03	0.1	0.5	ND	Pass
Chlordane	0.03	0.1	0.03	ND	Pass	Paclobutrazol	0.03	0.1	0.03	ND	Pass
Chlorfenapyr	0.03	0.1	0.03	ND	Pass	Parathion Methyl	0.03	0.1	0.03	ND	Pass
Chlorpyrifos	0.03	0.1	0.03	ND	Pass	Pentachloronitrobenzene	0.03	0.1	0.1	ND	Pass
Clofentezine	0.03	0.1	0.1	ND	Pass	Permethrin	0.03	0.1	0.5	ND	Pass
Coumaphos	0.03	0.1	0.03	ND	Pass	Phosmet	0.03	0.1	0.1	ND	Pass
Cyfluthrin	0.03	0.1	2	ND	Pass	Piperonyl Butoxide	0.03	0.1	3	ND	Pass
Cypermethrin	0.03	0.1	1	ND	Pass	Prallethrin	0.03	0.1	0.1	ND	Pass
Daminozide	0.03	0.1	0.03	ND	Pass	Propiconazole	0.03	0.1	0.1	ND	Pass
Diazinon	0.03	0.1	0.1	ND	Pass	Propoxur	0.03	0.1	0.03	ND	Pass
Dichlorvos	0.03	0.1	0.03	ND	Pass	Pyrethrins	0.03	0.1	0.5	ND	Pass
Dimethoate	0.03	0.1	0.03	ND	Pass	Pyridaben	0.03	0.1	0.1	ND	Pass
Dimethomorph	0.03	0.1	2	ND	Pass	Spinetoram	0.03	0.1	0.1	ND	Pass
Ethoprophos	0.03	0.1	0.03	ND	Pass	Spinosad	0.03	0.1	0.1	ND	Pass
Etofenprox	0.03	0.1	0.03	ND	Pass	Spiromesifen	0.03	0.1	0.1	ND	Pass
Etoxazole	0.03	0.1	0.1	ND	Pass	Spirotetramat	0.03	0.1	0.1	ND	Pass
Fenhexamid	0.03	0.1	0.1	ND	Pass	Spiroxamine	0.03	0.1	0.03	ND	Pass
Fenoxycarb	0.03	0.1	0.03	ND	Pass	Tebuconazole	0.03	0.1	0.1	ND	Pass
Fenpyroximate	0.03	0.1	0.1	ND	Pass	Thiacloprid	0.03	0.1	0.03	ND	Pass
Fipronil	0.03	0.1	0.03	ND	Pass	Thiamethoxam	0.03	0.1	5	ND	Pass
Flonicamid	0.03	0.1	0.1	ND	Pass	Trifloxystrobin	0.03	0.1	0.1	ND	Pass

Date Tested: 05/22/2020

We analyze samples by AOAC Official Method 2007.01-Modified; ND = Not Detected; NR = Not Reported; LOD = Limit of Detection; The reported result is based on a sample weight with the applicable moisture content for that sample; Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. HL105.10-01







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Grand Daddy Purple

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 Sample ID: HR20200590523
 Produced: 05/18/2020
 Distributor
 Producer

 Strain: Grand Daddy Purple
 Collected: 05/21/2020
 Purple Star MD
 Purple Star MD

 Matrix: Concentrates & Extracts
 Received: 05/21/2020
 Lic. # C11-0000006-LIC
 Lic. # CDPH-10002056

Type: Other Completed: 05/27/2020 2525 Phelps St 2525 Phelps St San Francisco, CA 94124

Sample Size: 200 units; Batch: 15,950 units Batch#: DT-20002 San Francisco, CA 94124

Residual Solvents Pass

Analyte	LOD	LOQ	Limit	Results	Status
	µg/g	μg/g	µg/g	μg/g	
1,2-Dichloro-Ethane	1	1	1	ND	Pass
Acetone	1	10	5000	<loq< th=""><th>Pass</th></loq<>	Pass
Acetonitrile	1	5	410	ND	Pass
Benzene	1	1	1	ND	Pass
Butane	1	25	5000	ND	Pass
Chloroform	1	1	1	ND	Pass
Ethanol	1	10	5000	<loq< th=""><th>Pass</th></loq<>	Pass
Ethyl-Acetate	1	10	5000	ND	Pass
Ethyl-Ether	1	10	5000	ND	Pass
Ethylene Oxide	1	1	1	ND	Pass
Heptane	1	10	5000	ND	Pass
Isopropanol	1	10	5000	<loq< th=""><th>Pass</th></loq<>	Pass
Methanol	1	10	3000	<loq< th=""><th>Pass</th></loq<>	Pass
Methylene-Chloride	1	1	1	ND	Pass
n-Hexane	1	10	290	ND	Pass
Pentane	1	10	5000	ND	Pass
Propane	1	10	5000	ND	Pass
Toluene	1	10	890	ND	Pass
Trichloroethene	1	1	1	ND	Pass
Xylenes	1	10	2170	ND	Pass

ISO 17025 Accredited Laboratory

Date Tested: 05/26/2020

ND = Not Detected; SOP HL231. Headspace GC-FID







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Grand Daddy Purple

Metrc Sample: 1A40603000099ED000006445; Metrc Batch: 1A4060300001F41000000242, 1A4060300001F41000000243, 1A4060300001F41000000248

 Sample ID: HR20200590523
 Produced: 05/18/2020
 Distributor
 Producer

 Strain: Grand Daddy Purple
 Collected: 05/21/2020
 Purple Star MD
 Purple Star MD

 Matrix: Concentrates & Extracts
 Received: 05/21/2020
 Lic. # C11-0000006-LIC
 Lic. # CDPH-10002056

Type: Other Completed: 05/27/2020 2525 Phelps St 2525 Phelps St San Francisco, CA 94124

Sample Size: 200 units; Batch: 15,950 units Batch#: DT-20002 San Francisco, CA 94124

Microbials		Pass
Analyte	Results	Status
Aerobic Plate Count	NR	NT
Aspergillus flavus	Not Detected in 1g	Pass
Aspergillus fumigatus	Not Detected in 1g	Pass
Aspergillus niger	Not Detected in 1g	Pass
Aspergillus terreus	Not Detected in 1g	Pass
Shiga Toxin-producing E. coli	Not Detected in 1g	Pass
Salmonella SPP	Not Detected in 1g	Pass
Yeast & Mold	NR	NT

Date Tested: 05/27/2020

NR = Not Reported; Aerobic Bacteria refers to Aerobic Plate Count, we analyze by method FDA BAM Jan 2001, Chapter 3. E.coli refers to E.coli Plate Count, we analyze by method FDA BAM Jan 2001, Chapter 4. Coliforms refers to Coliform Plate Count, we analyze by method FDA BAM Jan 2001, Chapter 4. Salmonella analysis method by Compact Dry SL, Hardy Diagnostics. Visual Mold inspection by UV light. 1= Mold Present, 0=Mold Not Present. Yeast and Mold Plate count method by AOAC no. 100401 or FDA BAM Jan 2001, Chapter 18. HL105.10-01. Salmonella and STEC: SOP HL 316. Aspergillus sp.: SOP HL311.2 (modified) & SOP HL 317.

Mycotoxins	Pass

Analyte	LOD	LOQ	Limit	Results	Status
	μg/kg	µg/kg	μg/kg	μg/kg	
Aflatoxin B1	0.4	1		ND	Tested
Aflatoxin B2	0.4	1		ND	Tested
Aflatoxin G1	0.4	1		ND	Tested
Aflatoxin G2	0.4	1		ND	Tested
Total Aflatoxins			20	ND	Pass
Ochratoxin A	0.4	1	20	ND	Pass

Date Tested: 05/26/2020

SOP HL 240

Total Aflatoxins = Aflatoxin B1 + Aflatoxin B2 + Aflatoxin G1 + Aflatoxin G2. Each aflatoxin is tested individually.

Heavy Metals Pass

Analyte	LOD	LOQ	Limit	Results	Status
	µg/g	µg/g	µg/g	μg/g	
Arsenic	0.07	0.20	0.2	ND	Pass
Cadmium	0.07	0.20	0.2	ND	Pass
Lead	0.17	0.50	0.5	ND	Pass
Mercury	0.03	0.10	0.1	ND	Pass

Date Tested: 05/22/2020 SOP HL 237



Ming Li - General Manager

