

Riggs Family Farms

License#: 9420 W. Bell Rd
Sun City, AZ 85351
(623) 221-3266

Additional Licenses:
Batch #: 5537302274369032
Sample Batch Collection: 05/28/21 09:23; Sample Batch Collected By: Riggs Family Farms
Sample Received: 5/28/2021; Report Created: 7/6/2021

Blue Dream Bulk

Laboratory Number: 2105222-01
Flower

Herbicides PASS	Pesticides PASS	Residual Solvents PASS	Metals PASS	Mycotoxins PASS	Aspergillus PASS	E. Coli/ Salmonella PASS
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Sample Image



Residual Solvents (GCMS-MS) Analyzed: 06/08/21 By: CBH

Analyte	RL	ppm	Q
Propane	625.00	ND	
Butanes	625.00	ND	M1
Pentanes	145.00	ND	M1
Acetonitrile	205.00	ND	
Dichloromethane	300.00	ND	
Hexanes	145.00	ND	
Chloroform	30.00	ND	
n-Heptane	2500.0	ND	
Methanol	1500.0	ND	M1
Ethanol	2500.0	ND	
Diethyl Ether	2500.0	ND	
Acetone	500.00	ND	
Isopropanol	2500.0	ND	
Ethyl acetate	2500.0	ND	
Isopropyl acetate	2500.0	ND	
Benzene	1.00	ND	
Toluene	445.00	ND	
Xylenes	100.00	ND	

Cannabinoid (HPLC) Analyzed: 06/04/21 By: LEH

Analyte	LOQ %	%	mg/g	Q
THC-A	0.48	17.60	176	D1
delta 9-THC	0.05	0.50	5	
delta 8-THC	0.05	ND	ND	
THC-V	0.05	ND	ND	
CBG-A	0.05	0.18	1.8	
CBD-A	0.05	0.05	0.5	
CBD	0.05	ND	ND	
CBD-V	0.05	ND	ND	
CBN	0.05	ND	ND	
CBG	0.05	0.05	0.5	
CBC	0.05	ND	ND	

Metals (ICP-MS) Analyzed: 06/08/21 By: JVR

Element	RL	ppm	Q
Arsenic	0.100	ND	
Cadmium	0.200	ND	D1
Lead	0.100	ND	
Mercury	0.010	ND	

Regulated Microbials (Petrifilm) Analyzed: 6/6/2021 By: NKB

Pathogens	RL	Result	Units	Q
E. coli	10.0	ND	cfu/g	

Regulated Microbials (PCR) Analyzed: 6/3/2021 By: MEF

Pathogens	RL	Result	Units	Q
Aspergillus	1.00	Absent	cfu/g	
Salmonella	1.00	Absent	cfu/g	

15.90 % 158.96 mg/g Total THC	0.04 % 0.44 mg/g Total CBD	18.40 % 184.00 mg/g Total Cannabinoids
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Total THC = THCa * 0.877 + delta 9-THC + delta 8-THC; Total CBD = CBDA * 0.877 + CBD

Regulated Mycotoxins (LC-MS TQ) Analyzed: 06/18/21 By: KSG

Pathogens	RL	ppb	Q
Aflatoxins	0.928	ND	
Ochratoxins	1.86	ND	M2

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Erin Polly
Technical Laboratory Director

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Pesticides (LC-MS TQ) Analyzed: 06/04/21 By: EGP							
Analyte	RL	ppm	Q	Analyte	RL	ppm	Q
Acephate	0.186	ND		Acequinocyl	0.928	ND	
Acetamiprid	0.093	ND		Aldicarb	0.186	ND	
Azoxystrobin	0.093	ND		Bifenthrin	0.093	ND	V1
Boscalid	0.186	ND	L1, N1	Carbaryl	0.093	ND	
Carbofuran	0.093	ND		Chlorpyrifos	0.093	ND	
Diazinon	0.093	ND		Dimethoate	0.093	ND	L1
Ethoprophos	0.093	ND		Etofenprox	0.186	ND	
Etoxazole	0.093	ND		Fenoxycarb	0.093	ND	
Fenpyroximate E	0.186	ND		Fonicamid	0.464	ND	
Fludioxonil	0.186	ND		Hexythiazox	0.464	ND	
Imazalil	0.093	ND		Imidacloprid	0.186	ND	
Kresoxim-methyl	0.186	ND		Malathion	0.093	ND	
Metalaxyl	0.093	ND		Methiocarb	0.093	ND	
Methomyl	0.186	ND		Myclobutanil	0.093	ND	
Naled	0.232	ND		Oxamyl	0.464	ND	
Piperonyl butoxide	0.928	ND		Propiconazole	0.186	ND	
Propoxure	0.093	ND		Spiromesifen	0.093	ND	
Spirotetramat	0.093	ND		Spiroxamine	0.186	ND	
Tebuconazole	0.186	ND		Thiacloprid	0.093	ND	
Thiamethoxam	0.093	ND		Trifloxystrobin	0.093	ND	
Abamectin	0.232	ND		Bifenazate	0.093	ND	
Chlorantraniliprole	0.093	ND		Clofentezine	0.093	ND	
Cyfluthrin	0.464	ND		Cypermethrin	0.464	ND	
Daminozide	0.464	ND		DDVP (Dichlorvos)	0.046	ND	N1, V1
Fipronil	0.186	ND		Paclobutrazol	0.186	ND	
Permethrins	0.093	ND		Phosmet	0.093	ND	R1
Prallethrin	0.093	ND		Pyrethrins	0.464	ND	
Pyridaben	0.093	ND		Spinosad	0.093	ND	L1
Chlorfenapyr	0.093	ND					

Herbicides (LC-MS TQ) Analyzed: 06/30/21 By: EGP			
Analyte	RL	ppm	Q
Pendimethalin	0.046	ND	

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Non-Regulated Microbials (PetriFilms) Analyzed: By:

	RL	Result	Units	Q
Pathogens				
Total Coliform	NT	NT	cfu/g	Q3
Yeast	NT	NT	cfu/g	Q3
Mold	NT	NT	cfu/g	Q3
Aerobic Bacteria	NT	NT	cfu/g	Q3
Enterobacteria	NT	NT	cfu/g	Q3

Terpenes (GCMS-MS) Analyzed: By:

	%	mg/g	Q
Compound			
alpha-Bisabolol	NT	NT	Q3
(-)-Borneol and (+)-Borneol	NT	NT	Q3
Camphene	NT	NT	Q3
Camphor	NT	NT	Q3
beta-Caryophyllene	NT	NT	Q3
trans-Caryophyllene	NT	NT	Q3
Caryophyllene Oxide	NT	NT	Q3
alpha-Cedrene	NT	NT	Q3
Cedrol	NT	NT	Q3
Endo-fenchyl Alcohol	NT	NT	Q3
Eucalyptol	NT	NT	Q3
Fenchone	NT	NT	Q3
Geraniol	NT	NT	Q3
Geranyl acetate	NT	NT	Q3
Guaiol	NT	NT	Q3
Hexahydrothymol	NT	NT	Q3
alpha-Humulene	NT	NT	Q3
Isoborneol	NT	NT	Q3
Isopulegol	NT	NT	Q3
Limonene	NT	NT	Q3
Linalool	NT	NT	Q3
p-Mentha-1,5-diene	NT	NT	Q3
beta-Myrcene	NT	NT	Q3
trans-Nerolidol	NT	NT	Q3
Ocimene	NT	NT	Q3
alpha-Pinene	NT	NT	Q3
beta-Pinene	NT	NT	Q3
Pulegone	NT	NT	Q3
Sabinene	NT	NT	Q3
Sabinene Hydrate	NT	NT	Q3
gamma-Terpinene	NT	NT	Q3
alpha-Terpinene	NT	NT	Q3
3-Carene	NT	NT	Q3
Terpineol	NT	NT	Q3
Terpinolene	NT	NT	Q3
Valencene	NT	NT	Q3
Nerol	NT	NT	Q3
cis-Nerolidol	NT	NT	Q3
Total Terpenes	NT	NT	Q3

Water Activity (Moisture Reactor) Analyzed: By:

	AW	Q
Compound		
Water Activity	NT	Q3

Moisture (Drying Oven) Analyzed: By:

	%	Q
Compound		
Percent Moisture	NT	Q3

pH Test (HannHI11310) Analyzed: By:

	NA	Q
Compound		
pH	NT	Q3

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Certificate of Analysis

00000003LCIN00627986

51 W. Weldon Ave

Phoenix, AZ

(480) 788-6644

www.desertvalleytesting.com

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QUALIFIER DEFINITIONS AND CASE NARRATIVE

- Q3 Testing results is for informational purposes only and cannot be used to satisfy dispensary testing requirements in R 9-17-317.01(A) or labeling requirements in R9-17-317.
- D1 The limit of quantitation and the sample results were adjusted to reflect sample dilution.
- L1 The percent recovery of a laboratory control sample is greater than the acceptance limits, but the sample's target analytes are not detected above the maximum allowable concentrations for the analytes in the sample.
- M1 Matrix spike recovery is high, but the recovery from the laboratory control sample and duplicate are within acceptance criteria.
- M2 Matrix spike recovery is low, but the recovery from the laboratory control sample and duplicate are within acceptance criteria.
- N1 A description of any variances from the requirements in the QAP, the applicable SOPs, or that Administration made to ensure scientifically valid and defensible testing results, and the reason for the variance; see case narrative.
- R1 The relative percent difference (RPD) for the laboratory control sample and duplicate is more than 20%, but the percent recovery for the laboratory control sample and duplicate is within acceptance criteria.
- V1 Continuing Calibration Verification (CCV) or Quality Control Sample (QCS) recovery exceeds acceptable limits; but the sample's target analytes are not detected above the maximum allowable concentrations for the analytes in the sample.

Testing results were obtained according to requirements in the quality assurance plan in R 9-17-404.05, in the applicable standard operating procedure, and in R9-17- 404.03 or R9-17-404.04; A description of any variances from the requirements , and the reason for the variance will be described in the Work Order memo.

N1-Boscalid MS did not meet acceptance criteria.
N1-Full list pesticides not approved per ADHS rules on Apollo (LC-QQQ). All QC passes acceptance criteria.

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