

CERTIFICATE OF ANALYSIS

Client information

Kootenay Cultivar Ltd.
4460 Erie Ross Spur Road
Fruitvale, Canada, V0G 1L1

COA information

COA number 230704_63970_PAR17554
COA Date 04-Jul-2023
Analysis Request ID PAR17554

Sample information

Sample Name	Animal Face - BULK-003	Sample Receiving Date	27-Jun-2023
Sample ID	P-00032-BULK-003	Receiving Temperature	21°C
Laboratory ID	PAT53985		

Results information

Analysis Date	Test	Method Ref.	Results	Units	Specifications (EP 5.1.8. Microbiology)
30-Jun-2023	Salmonella spp.	EP 2.6.13	Negative	/25g	Negative
29-Jun-2023	Aerobic Microbial Count	EP 2.6.12	1520	CFU/g	<=500000
01-Jul-2023	Yeast and Mold Count	EP 2.6.12	1680	CFU/g	<=50000
29-Jun-2023	Bile-Tolerant Gram Negative Bacteria	EP 2.6.13	<10	MPN/g	<=10000
30-Jun-2023	Escherichia coli	EP 2.6.13	Negative	/g	Negative

Authorized by: Laboratory Manager

Signature:



Details of testing

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2. This report may not be distributed or reproduced except in full.



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CERTIFICATE OF ANALYSIS

Client information

Kootenay Cultivar Ltd.
4460 Erie Ross Spur Road
Fruitvale, Canada, V0G 1L1

COA information

COA number 230628_63495_PAR17554
COA Date 28-Jun-2023
Analysis Request ID PAR17554

Sample information

Sample Name Animal Face - BULK-003
Sample ID P-00032-BULK-003
Laboratory ID PAT53985
Method Ref. PAT-AM-019

Sample Receiving Date 27-Jun-2023
Receiving Temperature 21°C
Analysis Date 28-Jun-2023

Cannabinoids Profile

Compounds	Results (%w/w)	Results (mg/g)	LOQ(%)
CBC	<0.010	<0.100	0.010
CBD	<0.010	<0.100	0.010
CBDA	0.050	0.500	0.010
CBDV	<0.010	<0.100	0.010
CBG	0.073	0.730	0.010
CBGA	0.982	9.820	0.010
CBN	0.020	0.200	0.010
D8-THC	<0.010	<0.100	0.010
D9-THC	0.611	6.110	0.010
THCA-A	27.874	278.740	0.010
THCV	<0.010	<0.100	0.010
Total THC	25.056	250.565	
Total CBD	0.044	0.439	

25.056%
Total THC

0.044%
Total CBD

Total THC = THC + (THCA*0.877), Total CBD = CBD + (CBDA*0.877)

Total THCCBD is calculated using the formulas to take into account the loss of carboxyl group during decarboxylation step.

Authorized by: Laboratory Manager

Signature:

Details of testing

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Sample information

Sample Name	Animal Face - BULK-003 V.2	Sample Receiving Date	12-Jul-2023
Sample ID	P-00034-BULK-003	Receiving Temperature	21°C
Laboratory ID	PAT55412	Analysis Date	17-Jul-2023
Method Ref.	PAT-AM-022		

Terpenes Profile

Compounds	Results (%w/w)	Results (mg/g)	LOQ(%)
Beta-Myrcene	0.716	7.160	0.001
beta-Caryophyllene	0.517	5.170	0.001
d-Limonene	0.374	3.740	0.001
Linalool	0.312	3.120	0.001
trans-Nerolidol	0.212	2.120	0.001
alpha-Humulene	0.188	1.880	0.001
(-)-alpha-Bisabolol	0.120	1.200	0.001
Beta-Pinene	0.061	0.610	0.001
Valencene	0.050	0.500	0.001
alpha-Terpineol	0.048	0.480	0.001
1R-endo-Fenchyl-Alcohol	0.046	0.460	0.001
Farnesol 2	0.041	0.410	0.001
Alpha-Pinene	0.029	0.290	0.001
Squalene	0.012	0.120	0.001
Terpinolene	0.010	0.100	0.001
trans-beta-Farnesene	0.010	0.100	0.001
Camphene	0.009	0.090	0.001
Farnesol 1	0.009	0.090	0.001
Terpinen-4-ol	0.007	0.070	0.001
Citronellol	0.006	0.060	0.001
Geraniol	0.002	0.020	0.001
Phytane	0.002	0.020	0.001
(-)-Guaïol	0.001	0.010	0.001
(-)-Isopulegol	<0.001	<0.010	0.001
1,8-Cineole (Eucalyptol)	<0.001	<0.010	0.001
alpha-Cedrene	<0.001	<0.010	0.001
Alpha-Terpinene	<0.001	<0.010	0.001
Borneol	<0.001	<0.010	0.001
Carvacrol	<0.001	<0.010	0.001
Cedrol	<0.001	<0.010	0.001
cis-beta-Ocimene	0.001	0.010	0.001
cis-Nerolidol	<0.001	<0.010	0.001
Delta-3-Carene	<0.001	<0.010	0.001
gamma-Terpinene	0.001	0.010	0.001
Isoborneol	<0.001	<0.010	0.001
Menthol	0.001	0.010	0.001
m-Isopropyltoluene	<0.001	<0.010	0.001
Nerol	<0.001	<0.010	0.001
o-Isopropyltoluene	<0.001	<0.010	0.001
p-Isopropyltoluene (p-Cymene)	<0.001	<0.010	0.001

Compounds	Results (%w/w)	Results (mg/g)	LOQ(%)
Sabinene	<0.001	<0.010	0.001
Sabinene hydrate	0.001	0.010	0.001
Thymol	0.001	0.010	0.001
trans-beta-ocimene	<0.001	<0.010	0.001
Total Terpenes	2.787	27.870	

Authorized by: Laboratory Manager

Signature:



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COA information

COA number 230704_63879_PAR17554
COA Date 04-Jul-2023
Analysis Request ID PAR17554

Sample information

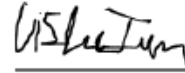
Sample Name Animal Face - BULK-003
Sample ID P-00032-BULK-003
Laboratory ID PAT53985
Sample Receiving Date 27-Jun-2023
Receiving Temperature 21°C

Results information

Analysis Date	Test	Method Ref.	Results	Units
30-Jun-2023	Moisture	PAT-AM-023(USP <731>)	14.03	%

Authorized by: Laboratory Manager

Signature:



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Sample information

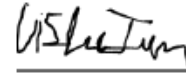
Sample Name	Animal Face - BULK-003	Sample Receiving Date	27-Jun-2023
Sample ID	P-00032-BULK-003	Receiving Temperature	21°C
Laboratory ID	PAT53985	Analysis Date	29-Jun-2023
Method Ref.	PAT-AM-024		

Results Information

Aflatoxins	Results	Unit	LOQ
Aflatoxin B1	<0.002	ppm	0.002 ppm
Aflatoxin B2	<0.002	ppm	0.002 ppm
Aflatoxin G1	<0.002	ppm	0.002 ppm
Aflatoxin G2	<0.002	ppm	0.002 ppm
Total Aflatoxins (B1,B2,G1,G2)	<0.002	ppm	0.002 ppm

Authorized by: Laboratory Manager

Signature:



Details of testing

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Sample information

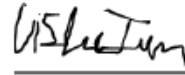
Sample Name	Animal Face - BULK-003	Sample Receiving Date	27-Jun-2023
Sample ID	P-00032-BULK-003	Receiving Temperature	21°C
Laboratory ID	PAT53985	Analysis Date	28-Jun-2023
Method Ref.	PAT-AM-020 (USP 233 Modified)		

Results Information

Heavy Metals	Results	Unit	LOQ	Specification
Arsenic	0.048	ppm	0.025	<0.2
Cadmium	0.091	ppm	0.02	<0.3
Lead	<0.010	ppm	0.01	<0.5
Mercury	<0.005	ppm	0.005	<0.1

Authorized by: Laboratory Manager

Signature:



Details of testing

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Sample information

Sample Name	Animal Face - BULK-003	Sample Receiving Date	27-Jun-2023
Sample ID	P-00032-BULK-003	Receiving Temperature	21°C
Laboratory ID	PAT53985	Analysis Date	30-Jun-2023
Method Ref.	PAT-AM-024		

Pesticides Dried Cannabis Results Information

Compound Detected	Results (ppm)	RDL
No Compounds Detected		

Compounds Not Detected	Results (ppm)	RDL
Abamectin	ND	0.02
Acephate	ND	0.02
Acequinocyl	ND	0.02
Acetamiprid	ND	0.02
Aldicarb	ND	0.02
Allethrin	ND	0.02
Azadirachtin	ND	0.02
Azoxystrobin	ND	0.01
Benzovindiflupyr	ND	0.01
Bifenazate	ND	0.02
Bifenthrin	ND	0.02
Boscalid	ND	0.01
Buprofezin	ND	0.01
Carbaryl	ND	0.02
Carbofuran	ND	0.01
Chlorantraniliprole	ND	0.01
Chlorphenapyr	ND	0.05
Chlorpyrifos	ND	0.01
Clofentezine	ND	0.01
Clothianidin	ND	0.02
Coumaphos	ND	0.01
Cyantraniliprole	ND	0.01
Cyfluthrin	ND	0.1
Cypermethrin	ND	0.02
Cyprodinil	ND	0.02
Daminozide	ND	0.05
Deltamethrin	ND	0.02
Diazinon	ND	0.01
Dichlorvos	ND	0.02
Dimethoate	ND	0.01
Dimethomorph	ND	0.02
Dinotefuran	ND	0.02
Dodemorph	ND	0.02
Endosulfan sulfate	ND	0.02
Endosulfan-alpha	ND	0.1
Endosulfan-beta	ND	0.01
Ethoprophos	ND	0.01
Etofenprox	ND	0.01

Compounds Not Detected	Results (ppm)	RDL
Etoazole	ND	0.01
Etridiazole	ND	0.01
Fenoxycarb	ND	0.01
Fenpyroximate	ND	0.02
Fensulfothion	ND	0.01
Fenthion	ND	0.01
Fenvalerate	ND	0.05
Fipronil	ND	0.01
Flonicamid	ND	0.02
Fludioxonil	ND	0.01
Fluopyram	ND	0.01
Hexythiazox	ND	0.01
Imazalil	ND	0.01
Imidacloprid	ND	0.01
Iprodione	ND	0.5
Kinoprene	ND	0.05
Kresoxim-methyl	ND	0.01
Malathion	ND	0.01
Metalaxyl	ND	0.01
Methiocarb	ND	0.01
Methomyl	ND	0.02
Methoprene	ND	0.5
Mevinphos	ND	0.02
MGK-264	ND	0.02
Myclobutanil	ND	0.01
Naled	ND	0.02
Novaluron	ND	0.02
Oxamyl	ND	0.02
Paclobutrazol	ND	0.01
Parathion-methyl	ND	0.02
Permethrin	ND	0.1
Phenothrin	ND	0.02
Phosmet	ND	0.01
Piperonyl butoxide	ND	0.02
Pirimicarb	ND	0.01
Prallethrin	ND	0.02
Propiconazole	ND	0.01
Propoxur	ND	0.01
Pyraclostrobin	ND	0.01
Pyrethrins	ND	0.025
Pyridaben	ND	0.02
Quintozene	ND	0.01
Resmethrin	ND	0.02
Spinetoram	ND	0.01
Spinosad	ND	0.01
Spirodiclofen	ND	0.02
Spiromesifen	ND	0.02
Spirotetramat	ND	0.02
Spiroxamine	ND	0.01
Tebuconazole	ND	0.01
Tebufenozide	ND	0.01

Compounds Not Detected	Results (ppm)	RDL
Teflubenzuron	ND	0.02
Tetrachlorvinphos	ND	0.01
Tetramethrin	ND	0.02
Thiacloprid	ND	0.01
Thiamethoxam	ND	0.01
Thiophanate-methyl	ND	0.02
Trifloxystrobin	ND	0.01

Authorized by: Laboratory Manager

Signature: 

Details of testing

1. ppm (w/w): parts per million by weight, MRL: Maximum residue limits, RDL: Reporting detection limits
2. The compounds are ND (not detected) at or above the RDL
3. Health Canada and/or United States MRL are taken from Health Canada & Global MRL Database (where applicable) on the date of COA preparation
4. Results only apply to the items tested and to the sample(s) as received.
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