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CERTIFICATE OF ANALYSIS

Client information

[redacted]

COA information

COA number	**220505_19793_PAR5511**
COA Date	**05-May-2022**
Analysis Request ID	**PAR5511**

Sample information

Sample Name	**Blackberry Gelato**
Sample ID	**BG8-21-009**
Laboratory ID	**PAT21037**
Method Ref.	**5991-9285EN**

Sample Receiving Date	**03-May-2022**
Receiving Temperature	**22°C**
Analysis Date	**05-May-2022**

Cannabinoids Profile

Compounds	Results (%w/w)	Results (mg/g)	LOQ(%)
CBC	0.011	0.110	0.010
CBD	<0.010	<0.100	0.010
CBDA	0.078	0.780	0.010
CBDV	<0.010	<0.100	0.010
CBG	0.065	0.650	0.010
CBGA	0.142	1.420	0.010
CBN	0.011	0.110	0.010
D8-THC	<0.010	<0.100	0.010
D9-THC	0.732	7.320	0.010
THCA-A	31.173	311.730	0.010
THCV	0.011	0.110	0.010
Total THC	**28.071**	**280.707**	
Total CBD	**0.068**	**0.684**	

28.071%
Total THC

0.068%
Total CBD

Total THC = THC + (THCA*0.8777), Total CBD = CBD + (CBDA*0.877)
Total THC/CBD is calculated using the formulas to take into account the loss of carboxyl group during decarboxylation step.

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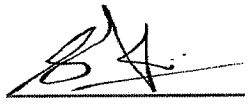
Signature: 

Details of testing

1. *LOQ- Limit of quantification*
2. *% w/w: percent (weight of analyte/ weight of product)*
3. *Results only apply to the items tested and to the sample(s) as received.*
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Sample information

Sample Name	**Blackberry Gelato**	Sample Receiving Date	**03-May-2022**
Sample ID	**BG8-21-009**	Receiving Temperature	**22°C**
Laboratory ID	**PAT21037**	Analysis Date	**05-May-2022**
Method Ref.	**5991-8499EN**		

Terpenes Profile

Compounds	Results (%w/w)	Results (mg/g)	LOQ(%)
(-)-alpha-Bisabolol	0.028	0.280	0.001
(-)-Guaiol	0.155	1.550	0.001
(-)-Isopulegol	0.002	0.020	0.001
1,8-Cineole (Eucalyptol)	<0.001	<0.010	0.001
1R-endo-Fenchyl-Alcohol	0.042	0.420	0.001
alpha-Cedrene	0.001	0.010	0.001
alpha-Humulene	0.101	1.010	0.001
Alpha-Pinene	0.040	0.400	0.001
Alpha-Terpinene	<0.001	<0.010	0.001
alpha-Terpineol	0.042	0.420	0.001
beta-Caryophyllene	0.302	3.020	0.001
Beta-Myrcene	0.228	2.280	0.001
Beta-Pinene	0.098	0.980	0.001
Borneol	<0.001	<0.010	0.001
Camphene	0.012	0.120	0.001
Carvacrol	0.001	0.010	0.001
Cedrol	0.028	0.280	0.001
cis-beta-Ocimene	<0.001	<0.010	0.001
cis-Nerolidol	<0.001	<0.010	0.001
Citronellol	<0.001	<0.010	0.001
Delta-3-Carene	<0.001	<0.010	0.001
d-Limonene	0.499	4.990	0.001
Farnesol 1	0.002	0.020	0.001
Farnesol 2	0.028	0.280	0.001
gamma-Terpinene	0.001	0.010	0.001
Geraniol	<0.001	<0.010	0.001
Isoborneol	<0.001	<0.010	0.001
Linalool	0.228	2.280	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
Phytane	0.001	0.010	0.001
p-Isopropyltoluene (p-Cymene)	<0.001	<0.010	0.001
Sabinene	<0.001	<0.010	0.001
Sabinene hydrate	0.001	0.010	0.001
Squalene	0.003	0.030	0.001
Terpinen-4-ol	0.006	0.060	0.001
Terpinolene	0.002	0.020	0.001
Thymol	<0.001	<0.010	0.001
trans-beta-Farnesene	0.029	0.290	0.001
trans-beta-ocimene	0.001	0.010	0.001

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Compounds	Results (%w/w)	Results (mg/g)	LOQ(%)
trans-Nerolidol	0.031	0.310	0.001
Valencene	0.027	0.270	0.001
Total Terpenes	**1.942**	**19.420**	

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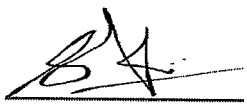
Signature: 

Details of testing

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CERTIFICATE OF ANALYSIS

Client information

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COA information

COA number	**220509_19913_PAR5511**
COA Date	**09-May-2022**
Analysis Request ID	**PAR5511**

Sample information

Sample Name	**Blackberry Gelato**
Sample ID	**BG8-21-009**
Laboratory ID	**PAT21034**
Sample Receiving Date	**03-May-2022**
Receiving Temperature	**22°C**

Results information

Analysis Date	Test	Method Ref.	Results	Units	Specification (EP 5.1.2 Microbiology)	Compliance
07-May-2022	Salmonella spp.	EP 2.6.13	Negative	/25g	Negative	PASS
07-May-2022	Escherichia coli	EP 2.6.13	Negative	/g	Negative	PASS
07-May-2022	Yeast and Mold Count	EP 2.6.12	10	CFU/g	<= 50000	PASS
07-May-2022	Aerobic Microbial Count	EP 2.6.12	<10	CFU/g	<= 500000	PASS

Analysis Date	Test	Method Ref.	Results	Units	Specification (EP 5.1.8 Microbiology)	Compliance
07-May-2022	Bile-Tolerant Gram Negative Bacteria	EP 2.6.12	<10	MPN/g	<= 10000	PASS

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Signature:

Details of testing

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CERTIFICATE OF ANALYSIS

Client information

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COA information

COA number	**220413_18525_PAR5068**
COA Date	**13-Apr-2022**
Analysis Request ID	**PAR5068**

Sample information

Sample Name	**Blackberry Gelato #8**
Sample ID	**BG8-21-009**
Laboratory ID	**PAT19957**
Method Ref.	**PAT-SOP101**
Sample Receiving Date	**07-Apr-2022**
Receiving Temperature	**22°C**
Analysis Date	**07-Apr-2022**

Results Information

Foreign Material	Results	Unit	LOQ
Comments	N/A	/g	N/A
Grey Mold and Bud Rot	Absence	/g	N/A
Spider Mite	Absence	/g	N/A
Stalks	Absence	/g	N/A
Insect and Vermin	Absence	/g	N/A
Other Extraneous substances	Absence	/g	N/A

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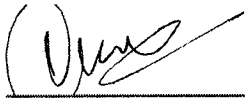
Signature: 

Details of testing

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Sample information

Sample Name	**Blackberry Gelato #8**	Sample Receiving Date	**07-Apr-2022**
Sample ID	**BG8-21-009**	Receiving Temperature	**22°C**
Laboratory ID	**PAT19957**	Analysis Date	**11-Apr-2022**
Method Ref.	**AOAC 2007.01**		

Results Information

Aflatoxins	Results	Unit	Specification (EP 2.8.18)	Compliance	LOQ
Aflatoxin B1	**<0.002**	ppm	<= 0.002	PASS	0.002
Aflatoxin B2	**<0.002**	ppm	<= 0.002	PASS	0.002
Aflatoxin G1	**<0.002**	ppm	<= 0.002	PASS	0.002
Aflatoxin G2	**<0.002**	ppm	<= 0.002	PASS	0.002
Total Aflatoxins (B1,B2,G1,G2)	**<0.002**	ppm	<= 0.004	PASS	0.002

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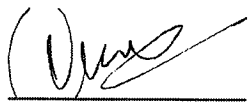
Signature: 

Details of testing

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Sample information

Sample Name	**Blackberry Gelato #8**	Sample Receiving Date	**07-Apr-2022**
Sample ID	**BG8-21-009**	Receiving Temperature	**22°C**
Laboratory ID	**PAT19957**	Analysis Date	**13-Apr-2022**
Method Ref.	**PAT-SOP106, USP233**		

Results Information

Heavy Metals	Results	Unit	Specification (USP 232(Inhalation Limits))	Compliance	LOQ
Arsenic	<0.025	ppm	<= 0.2	PASS	0.025
Cadmium	<0.020	ppm	<= 0.3	PASS	0.020
Lead	<0.010	ppm	<= 0.5	PASS	0.010
Mercury	<0.005	ppm	<= 0.1	PASS	0.005

Authorized by: Laboratory Manager

Signature:

Details of testing

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Sample information

Sample Name	**Blackberry Gelato #8**	Sample Receiving Date	**07-Apr-2022**
Sample ID	**BG8-21-009**	Receiving Temperature	**22°C**
Laboratory ID	**PAT19957**	Analysis Date	**11-Apr-2022**
Method Ref.	**AOAC 2007.01**		

Pesticides Dried Cannabis Results Information

Compound Detected	Results (ppm)	RDL	Specification (HC MRL Limits)	Compliance
No Compounds Detected				

Compounds Not Detected	Results (ppm)	RDL	Specification (HC MRL Limits)
Abamectin	ND	0.02	<= 0.1
Acephate	ND	0.02	<= 0.02
Acequinocyl	ND	0.02	<= 0.1
Acetamiprid	ND	0.02	<= 0.03
Aldicarb	ND	0.02	<= 1
Allethrin	ND	0.02	<= 0.2
Azadirachtin	ND	0.02	<= 1
Azoxystrobin	ND	0.01	<= 0.02
Benzovindiflupyr	ND	0.01	<= 0.02
Bifenazate	ND	0.02	<= 0.02
Bifenthrin	ND	0.02	<= 1
Boscalid	ND	0.01	<= 0.02
Buprofezin	ND	0.01	<= 0.02
Carbaryl	ND	0.02	<= 0.05
Carbofuran	ND	0.01	<= 0.02
Chlorantraniliprole	ND	0.01	<= 0.02
Chlorphenapyr	ND	0.05	<= 0.05
Chlorpyrifos	ND	0.01	<= 0.02
Clofentezine	ND	0.01	<= 0.05
Clothianidin	ND	0.02	<= 0.02
Coumaphos	ND	0.01	<= 0.02
Cyantraniliprole	ND	0.01	<= 0.2
Cyfluthrin	ND	0.1	<= 0.3
Cypermethrin	ND	0.02	<= 0.25
Cyprodinil	ND	0.02	<= 0.1
Daminozide	ND	0.05	<= 0.5
Deltamethrin	ND	0.02	<= 0.02
Diazinon	ND	0.01	<= 0.1
Dichlorvos	ND	0.02	<= 0.02
Dimethoate	ND	0.01	<= 0.05
Dimethomorph	ND	0.02	<= 0.1
Dinotefuran	ND	0.02	<= 0.05
Dodemorph	ND	0.02	<= 0.05
Endosulfan sulfate	ND	0.02	<= 0.2
Endosulfan-alpha	ND	0.1	<= 0.05
Endosulfan-beta	ND	0.01	<= 0.05
Ethoprophos	ND	0.01	<= 0.05
Etofenprox	ND	0.01	<= 0.02
Etoxazole	ND	0.01	<= 0.03

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Compounds Not Detected	Results (ppm)	RDL	Specification (HC MRL Limits)
Etridiazole	ND	0.01	<= 0.02
Fenoxycarb	ND	0.01	<= 0.02
Fenpyroximate	ND	0.02	<= 0.02
Fensulfothion	ND	0.01	<= 0.02
Fenthion	ND	0.01	<= 0.1
Fenvalerate	ND	0.05	<= 0.06
Fipronil	ND	0.01	<= 0.05
Flonicamid	ND	0.02	<= 0.02
Fludioxonil	ND	0.01	<= 0.05
Fluopyram	ND	0.01	<= 0.02
Hexythiazox	ND	0.01	<= 0.02
Imazalil	ND	0.01	<= 0.01
Imidacloprid	ND	0.01	<= 0.05
Iprodione	ND	0.5	<= 0.02
Kinoprene	ND	0.05	<= 1
Kresoxim-methyl	ND	0.01	<= 0.5
MGK-264	ND	0.02	<= 0.02
Malathion	ND	0.01	<= 0.02
Metalaxyl	ND	0.01	<= 0.02
Methiocarb	ND	0.01	<= 0.02
Methomyl	ND	0.02	<= 0.05
Methoprene	ND	0.5	<= 2
Mevinphos	ND	0.02	<= 0.05
Myclobutanil	ND	0.01	<= 0.05
Naled	ND	0.02	<= 0.02
Novaluron	ND	0.02	<= 0.1
Oxamyl	ND	0.02	<= 0.1
Paclobutrazol	ND	0.01	<= 0.1
Parathion-methyl	ND	0.02	<= 0.1
Permethrin	ND	0.1	<= 0.1
Phenothrin	ND	0.02	<= 0.1
Phosmet	ND	0.01	<= 0.1
Piperonyl butoxide	ND	0.02	<= 0.1
Pirimicarb	ND	0.01	<= 0.1
Prallethrin	ND	0.02	<= 0.02
Propiconazole	ND	0.01	<= 0.05
Propoxur	ND	0.01	<= 0.1
Pyraclostrobin	ND	0.01	<= 0.02
Pyrethrins	ND	0.025	<= 0.05
Pyridaben	ND	0.02	<= 0.05
Quintozene	ND	0.01	<= 0.02
Resmethrin	ND	0.02	<= 0.1
Spinetoram	ND	0.01	<= 0.25
Spinosad	ND	0.01	<= 3
Spirodiclofen	ND	0.02	<= 0.02
Spiromesifen	ND	0.02	<= 0.1
Spirotetramat	ND	0.02	<= 0.25
Spiroxamine	ND	0.01	<= 3
Tebuconazole	ND	0.01	<= 0.02
Tebufenozide	ND	0.01	<= 0.1
Teflubenzuron	ND	0.02	<= 0.05
Tetrachlorvinphos	ND	0.01	<= 0.02
Tetramethrin	ND	0.02	<= 0.05
Thiacloprid	ND	0.01	<= 0.02

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Compounds Not Detected	Results (ppm)	RDL	Specification (HC MRL Limits)
Thiamethoxam	ND	0.01	<= 0.05
Thiophanate-methyl	ND	0.02	<= 0.02
Trifloxystrobin	ND	0.01	<= 0.02

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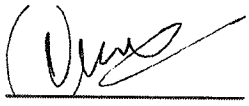
Signature: 

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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