

CERTIFICATE OF ANALYSIS

Client information

Joi Botanicals
53 Duram Drive
Wheatland County, Canada, T0J 1X0

COA information

COA number **220510_19985_PAR5555**
COA Date **10-May-2022**
Analysis Request ID **PAR5555**

Sample information

Sample Name **Cake Crasher #1**
Sample ID **BATROTX5KIULGA**
Laboratory ID **PAT21157**
Method Ref. **5991-9285EN**

Sample Receiving Date **05-May-2022**
Receiving Temperature **22°C**
Analysis Date **09-May-2022**

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	0.043	0.430	0.010
CBDV	<0.010	<0.100	0.010
CBG	0.046	0.460	0.010
CBGA	0.812	8.120	0.010
CBN	<0.010	<0.100	0.010
D8-THC	<0.010	<0.100	0.010
D9-THC	0.472	4.720	0.010
THCA-A	29.809	298.090	0.010
THCV	<0.010	<0.100	0.010
Total THC	26.614	266.145	
Total CBD	0.038	0.377	

26.614%
Total THC

0.038%
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.

Authorized by: Laboratory Manager

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

***** This is end of the Certificate of Analysis *****

 June 3, 2022

CERTIFICATE OF ANALYSIS

Client information

Joi Botanicals
53 Duram Drive
Wheatland County, Canada, T0J 1X0

COA information

COA number **220522_20675_PAR5555_V2**
COA Date **22-May-2022**
Analysis Request ID **PAR5555**

Sample information

Sample Name **Cake Crasher #1**
Sample ID **BATROTX5KIULGA**
Laboratory ID **PAT21157**

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

Results information

Analysis Date	Test	Method Ref.	Results	Units
11-May-2022	Moisture	USP 731	13.52	%

Authorized by: Laboratory Manager

Signature: 

Details of testing

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 June 3, 2022

Sample information

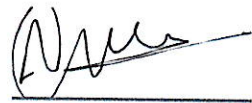
Sample Name **Cake Crasher #1**
 Sample ID **BATROTX5KIULGA**
 Laboratory ID **PAT21157**
 Method Ref. **USP561**

Sample Receiving Date **05-May-2022**
 Receiving Temperature **22°C**
 Analysis Date **06-May-2022**

Results Information

Foreign Material	Results	Unit	LOQ
Stalks	0	/g	N/A
Spider Mite	0	/g	N/A
Grey Mold and Bud Rot	0	/g	N/A
Insect and Vermin	0	/g	N/A
Other Extraneous substances	0	/g	N/A

Authorized by: Laboratory Manager

Signature: 

Details of testing

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Sample information

Sample Name **Cake Crasher #1**
Sample ID **BATROTX5KIULGA**
Laboratory ID **PAT21157**
Method Ref. **PAT-SOP106, USP233**

Sample Receiving Date **05-May-2022**
Receiving Temperature **22°C**
Analysis Date **10-May-2022**

Results Information

Heavy Metals	Results	Unit	LOQ	Specification
Arsenic	<0.025	ppm	0.025	< 0.2ppm
Cadmium	<0.020	ppm	0.020	< 0.3ppm
Lead	<0.010	ppm	0.010	< 0.5ppm
Mercury	<0.005	ppm	0.005	< 0.1ppm

Authorized by: Laboratory Manager

Signature:



Details of testing

1. LOQ- Limit of quantification
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Sample information

Sample Name **Cake Crasher #1**
Sample ID **BATROTX5KIULGA**
Laboratory ID **PAT21157**
Method Ref. **AOAC 2007.01**

Sample Receiving Date **05-May-2022**
Receiving Temperature **22°C**
Analysis Date **11-May-2022**

Results Information

Aflatoxins	Results	Unit	LOQ	Specification
Aflatoxin B1	<0.002	ppm	0.002	<0.002
Aflatoxin B2	<0.002	ppm	0.002	N/A
Aflatoxin G1	<0.002	ppm	0.002	N/A
Aflatoxin G2	<0.002	ppm	0.002	N/A
Total Aflatoxins (B1,B2,G1,G2)	<0.002	ppm	0.002	<0.004

Authorized by: Laboratory Manager

Signature: 

Details of testing

1. LOQ- Limit of quantification
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 June 3, 2022

Sample information

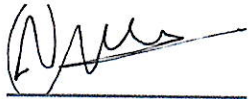
Sample Name **Cake Crasher #1**
Sample ID **BATROTX5KIULGA**
Laboratory ID **PAT21157**
Method Ref. **5991-8499EN**

Sample Receiving Date **05-May-2022**
Receiving Temperature **22°C**
Analysis Date **09-May-2022**

Terpenes Profile

Compounds	Results (%w/w)	Results (mg/g)	LOQ(%)
(-)-alpha-Bisabolol	0.001	0.010	0.001
(-)-Guaiaol	0.002	0.020	0.001
(-)-Isopulegol	0.001	0.010	0.001
1,8-Cineole (Eucalyptol)	<0.001	<0.010	0.001
1R-endo-Fenchyl-Alcohol	0.019	0.190	0.001
alpha-Cedrene	0.003	0.030	0.001
alpha-Humulene	0.174	1.740	0.001
Alpha-Pinene	0.020	0.200	0.001
Alpha-Terpinene	0.004	0.040	0.001
alpha-Terpineol	0.021	0.210	0.001
beta-Caryophyllene	0.526	5.260	0.001
Beta-Myrcene	0.370	3.700	0.001
Beta-Pinene	0.059	0.590	0.001
Borneol	<0.001	<0.010	0.001
Camphene	0.007	0.070	0.001
Carvacrol	0.001	0.010	0.001
Cedrol	0.011	0.110	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	0.275	2.750	0.001
Farnesol 1	0.023	0.230	0.001
Farnesol 2	0.016	0.160	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	0.124	1.240	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	0.004	0.040	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	0.001	0.010	0.001
Terpinen-4-ol	0.003	0.030	0.001
Terpinolene	0.006	0.060	0.001
Thymol	<0.001	<0.010	0.001
trans-beta-Farnesene	0.038	0.380	0.001
trans-beta-ocimene	<0.001	<0.010	0.001
trans-Nerolidol	0.009	0.090	0.001
Valencene	0.056	0.560	0.001
Total Terpenes	1.776	17.760	

Authorized by: Laboratory Manager

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

Sample information

Sample Name **Cake Crasher #1**
Sample ID **BATROTX5KIULGA**
Laboratory ID **PAT21157**
Method Ref. **AOAC 2007.01**

Sample Receiving Date **05-May-2022**
Receiving Temperature **22°C**
Analysis Date **11-May-2022**

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
Etoxazole	ND	0.01
Etridiazole	ND	0.01
Fenoxycarb	ND	0.01
Fenpyroximate	ND	0.02
Fensulfothion	ND	0.01
Fenthion	ND	0.01

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Compounds Not Detected	Results (ppm)	RDL
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
MGK-264	ND	0.02
Malathion	ND	0.01
Metalaxyl	ND	0.01
Methiocarb	ND	0.01
Methomyl	ND	0.02
Methoprene	ND	0.5
Mevinphos	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
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.
5. This report may not be distributed or reproduced except in full

***** This is end of the Certificate of Analysis *****



Labstat

A Certified Group Company

To **Joi Botanicals Ltd.**
53 Durum Drive
Wheatland County, Alberta T1P0R7 Canada
ATT: Adeniyi Ogunwusi

REPORT #: 920430
Sample Number: 3341160
PROJECT ID: EDM17860-2205-001
DATE: 2022-05-12
RECEIVED: 2022-05-05

CAKE CRASHER BATROTX5KIULGA; Lot #: Cake Crasher BATROTX5KIULGA, 32g

Test	Specification	Test Result	Method	Date	Loc.
MICRO					
TOTAL PLATE COUNT	≤ 500000 CFU/g	170 CFU/g	SOP6_506	2022-05-11	EDM
BILE TOLERANT GRAM NEGATIVE	≤ 10000 CFU/g	<10 CFU/g		2022-05-11	EDM
YEAST & MOLD	≤ 50000 CFU/g	130 CFU/g		2022-05-11	EDM
SALMONELLA	Equal to Absent in 25g	Absent in 25g		2022-05-11	EDM
E. COLI	Equal to Absent in 1g	Absent in 1g		2022-05-11	EDM

References

SOP6_506: Internal SOP modified from Ph.Eur. 2.6.12/5.1.8-C and 2.6.13/5.1.8-C
Suitability is not performed unless requested. Method validated on July 18, 2019.

Testing Locations:

EDM: Labstat dba Labs-Mart Edmonton

Prepared by _____
Julie Harrison, Account Manager

Approved by Rhiannon Morgan
Rhiannon Morgan, Manager-Chemistry

Date 2022-05-12

Raw data are archived by Labstat dba Labs-Mart. Results shown relate only to samples submitted and tested.
Labstat dba Labs-Mart assumes no liability for the use of the results by any party.

Testing may be completed at other Certified Group locations.

Statement of conformity only applies to tests currently presented on our scope of accreditation. All required parts of the standard (17025) applicable to a test laboratory are met. Accreditation is location and parameter specific. The tests listed in this report may not be included in the current scope of accreditation.

The sample(s) were provided by the customer as listed on this report and therefore results reported apply to the samples as received.

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Rhiannon Morgan
May 13, 2022