



Certificate of Analysis

Island Genetics Ltd.
andrew@islandgenetics.com
(250)-863-3142

License: LIC-G4Z9BO116P-2022
Sample Amount Submitted: 10.5g

Sample Received: 03/21/2024
Report Created: 03/28/2024

Sample: CCTY-230504-HSH-RSN

Sample Description: Rosin

Total THC %*	Total CBD %*	Total Cannabinoids %	Foreign Matter Inspection Ph. Eur. 2.8.2; < 2%
73.70	0.25	88.72	PASS

Cannabinoid	LOQ %	Percent by Weight	mg/g
THC Acid	0.01	82.946	829.46
CBG Acid	0.01	2.804	28.04
Δ9-THC	0.01	0.960	9.60
CBC-Acid	0.01	0.846	8.46
THCV Acid	0.01	0.538	5.38
CBG	0.01	0.340	3.40
CBD Acid	0.01	0.283	2.83
CBC	0.01	<LOQ	<LOQ
CBD	0.01	<LOQ	<LOQ
CBDV	0.01	<LOQ	<LOQ
CBDV Acid	0.01	<LOQ	<LOQ
CBL	0.01	<LOQ	<LOQ
CBN	0.01	<LOQ	<LOQ
CBN Acid	0.01	<LOQ	<LOQ
THCV	0.01	<LOQ	<LOQ
Δ10-THC	0.01	<LOQ	<LOQ
Δ8-THC	0.01	<LOQ	<LOQ

Method: HPLC-DAD. LOQ = Limit of Quantitation; LOD = Limit of Detection; ND = Not Detectable, NR = Not Reported, NT = Not Tested. Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. ***When reporting totals, acidic cannabinoids are multiplied by 0.877 to account for loss of mass from decarboxylation upon heating; therefore, this is the POTENTIAL amount upon complete decarboxylation from smoking/ vaping.**

PURA ANALYTICAL LABS

Pura Analytical Labs Inc.
Unit 1, 2984 Boys Road, DUNCAN, BC
(250) 929-2002 <https://www.puralabs.ca>
Health Canada Lic # LIC-LEHSCQIYN-2022

Denise Johnson
Head of Laboratory

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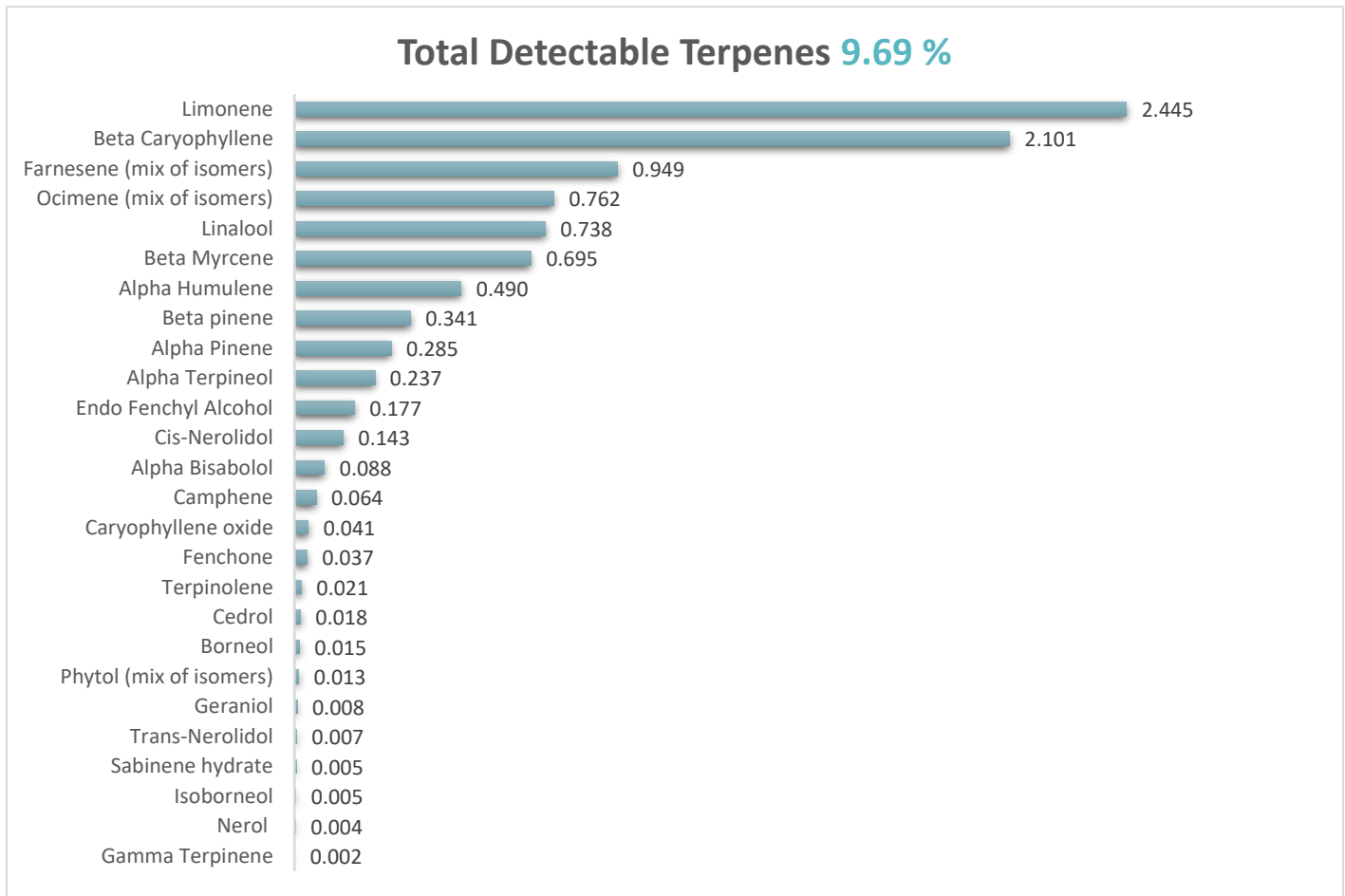
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MICROBIALS

Microbial Parameters	Permissible Limit	LOQ/ LOD	Results	Status
	CFU/g	CFU/g	CFU/g	
Total Aerobic Bacteria	200	10	ND	PASS
Total Yeast/ Mold	20	10	ND	PASS
BTGN Bacteria (Enterobacteriaceae)	Absent in 1g	1	ND	PASS
Pseudomonas aeruginosa	Absent in 1g	1	ND	PASS
Staphylococcus aureus	Absent in 1g	1	ND	PASS

Method: Petrifilm Plate method for enumerations; Quantitative PCR for presence/ absence assays. Criteria: Eur. Ph. 5.1.4. Inhalation Use Limits. Absence of BTGN, Pseudomonas aeruginosa and Staphylococcus aureus in 1g.
 LOQ = Limit of Quantitation; LOD = Limit of Detection; CFU = Colony Forming Units. 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.

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HEAVY METALS

Analyte	Permissible Limit	LOQ	Results	Status
	ppm	ppm	ppm	
Arsenic	0.2	0.0001	0.0103	PASS
Cadmium	0.3	0.0001	<LOQ	PASS
Lead	0.5	0.0001	0.0008	PASS
Mercury	0.1	0.0001	<LOQ	PASS

Method: ICP-MS. Criteria: ICH guideline Q3D (R1) on elemental impurities Table A.2.2: Inhalation Use. PPM = Parts per Million; LOQ = Limit of Quantitation; 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.

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MYCOTOXINS

Analyte	Permissible Limit	LOQ/LOD	Results	Status
	ppb	ppb	ppb	
Aflatoxin B1	1	1	ND	PASS
Aflatoxin B2	1	1	ND	PASS
Aflatoxin G1	1	1	ND	PASS
Aflatoxin G2	1	1	ND	PASS
Total Aflatoxins	4	4	ND	PASS
Ochratoxin A	20	10	ND	PASS

Method: LC-MS/MS ESI. Criteria: Eur. Ph. 2.8.18 & 2.8.22.

LOQ = Limit of Quantitation; LOD Limit of Detection; PPB = Parts per Billion.

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. ND = Not Detectable, NR = Not Reported, NT = Not Tested

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PESTICIDES

Analyte	Permissible Limit	LOQ	Results	Status	Analyte	Permissible Limit	LOQ	Results	Status
	ppm	ppm	ppm			ppm	ppm	ppm	
Abamectin	0.25	0.25	<LOQ	PASS	Cyprodinil	0.25	0.25	<LOQ	PASS
Acephate	0.05	0.05	<LOQ	PASS	Daminozide	0.10	0.10	<LOQ	PASS
Acequinocyl	0.05	0.05	<LOQ	PASS	Deltamethrin	1.00	1.00	<LOQ	PASS
Acetamiprid	0.10	0.10	<LOQ	PASS	Diazinon	0.02	0.02	<LOQ	PASS
Aldicarb	1.00	1.00	<LOQ	PASS	Dichlorvos	0.10	0.10	<LOQ	PASS
Allethrin	0.20	0.20	<LOQ	PASS	Dimethoate	0.02	0.02	<LOQ	PASS
Azadirachtin	1.00	1.00	<LOQ	PASS	Dimethomorph	0.05	0.05	<LOQ	PASS
Azoxystrobin	0.02	0.02	<LOQ	PASS	Dinotefuran	0.10	0.10	<LOQ	PASS
Benzovindiflupyr	0.02	0.02	<LOQ	PASS	Dodemorph	0.05	0.05	<LOQ	PASS
Bifenazate	0.05	0.05	<LOQ	PASS	Endosulfan Sulfate	0.50	0.50	<LOQ	PASS
Bifenthrin	1.00	1.00	<LOQ	PASS	Endosulfan-alpha	0.20	0.20	<LOQ	PASS
Boscalid	0.02	0.02	<LOQ	PASS	Endosulfan-beta	0.50	0.50	<LOQ	PASS
Buprofezin	0.02	0.02	<LOQ	PASS	Ethoprophos	0.02	0.02	<LOQ	PASS
Carbaryl	0.05	0.05	<LOQ	PASS	Etofenprox	0.05	0.05	<LOQ	PASS
Carbofuran	0.02	0.02	<LOQ	PASS	Etoxazole	0.02	0.02	<LOQ	PASS
Chlorantraniliprole	0.02	0.02	<LOQ	PASS	Etridiazol	0.03	0.03	<LOQ	PASS
Chlorphenapyr	0.10	0.10	<LOQ	PASS	Fenoxycarb	0.02	0.02	<LOQ	PASS
Chlorpyrifos	0.04	0.04	<LOQ	PASS	Fenpyroximate	0.02	0.02	<LOQ	PASS
Clofentezine	0.02	0.02	<LOQ	PASS	Fensulfothion	0.02	0.02	<LOQ	PASS
Clothianidin	0.05	0.05	<LOQ	PASS	Fenthion	0.02	0.02	<LOQ	PASS
Coumaphos	0.02	0.02	<LOQ	PASS	Fenvalerate	0.10	0.10	<LOQ	PASS
Cyantranilipole	0.02	0.02	<LOQ	PASS	Fipronil	0.06	0.06	<LOQ	PASS
Cyfluthrin	1.00	1.00	<LOQ	PASS	Fonicamid	0.05	0.05	<LOQ	PASS
Cypermethrin	1.00	1.00	<LOQ	PASS	Fludioxonil	0.02	0.02	<LOQ	PASS

PURA ANALYTICAL LABS

Method: LC-MS/MS Dual Ion Source. **Limits are set by Health Canada for Cannabis Concentrates.** PPM = Parts per Million; LOQ = Limit of Quantitation.

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Analyte	Permissible Limit	LOQ	Results	Status	Analyte	Permissible Limit	LOQ	Results	Status
	ppm	ppm	ppm			ppm	ppm	ppm	
Fluopyram	0.02	0.02	<LOQ	PASS	Piperonyl Butoxide	0.25	0.25	<LOQ	PASS
Hexythiazox	0.01	0.01	<LOQ	PASS	Pirimicarb	0.02	0.02	<LOQ	PASS
Imazalil	0.05	0.05	<LOQ	PASS	Prallethrin	0.05	0.05	<LOQ	PASS
Imidacloprid	0.02	0.02	<LOQ	PASS	Propiconazole	0.10	0.10	<LOQ	PASS
Iprodione	1.00	1.00	<LOQ	PASS	Propoxur	0.02	0.02	<LOQ	PASS
Kinoprene	0.50	0.50	<LOQ	PASS	Pyraclostrobin	0.02	0.02	<LOQ	PASS
Kresoxim-methyl	0.02	0.02	<LOQ	PASS	Pyrethrins	0.05	0.05	<LOQ	PASS
Malathion	0.02	0.02	<LOQ	PASS	Pyridaben	0.05	0.05	<LOQ	PASS
Metalaxyl	0.02	0.02	<LOQ	PASS	Resmethrin	0.10	0.10	<LOQ	PASS
Methiocarb	0.02	0.02	<LOQ	PASS	Spinetoram	0.02	0.02	<LOQ	PASS
Methomyl	0.05	0.05	<LOQ	PASS	Spinosad	0.10	0.10	<LOQ	PASS
Methoprene	2.00	2.00	<LOQ	PASS	Spirodiclofen	0.25	0.25	<LOQ	PASS
Mevinphos	0.05	0.05	<LOQ	PASS	Spiromesifen	3.00	3.00	<LOQ	PASS
MGK-264	0.05	0.05	<LOQ	PASS	Spirotetramat	0.10	0.10	<LOQ	PASS
Myclobutanil	0.02	0.02	<LOQ	PASS	Spiroxamine	0.10	0.10	<LOQ	PASS
Naled	0.20	0.20	<LOQ	PASS	Tebuconazole	0.05	0.05	<LOQ	PASS
Novaluron	0.05	0.05	<LOQ	PASS	Tebufenozide	0.02	0.02	<LOQ	PASS
Oxamyl	3.00	3.00	<LOQ	PASS	Teflubenzuron	0.05	0.05	<LOQ	PASS
Paclobutrazol	0.02	0.02	<LOQ	PASS	Tetramethrin	0.10	0.10	<LOQ	PASS
Parathion Methyl	0.05	0.05	<LOQ	PASS	Tetrachlorvinphos	0.02	0.02	<LOQ	PASS
PCNB	0.02	0.02	<LOQ	PASS	Thiacloprid	0.02	0.02	<LOQ	PASS
Permethrin	0.50	0.50	<LOQ	PASS	Thiamethoxam	0.02	0.02	<LOQ	PASS
Phenothrin	0.05	0.05	<LOQ	PASS	Thiophanate-Methyl	0.05	0.05	<LOQ	PASS
Phosmet	0.02	0.02	<LOQ	PASS	Trifloxystrobin	0.02	0.02	<LOQ	PASS

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RESIDUAL SOLVENTS

Analyte	Permissible Limit ppm	LOQ ppm	Result ppm	Status
Acetic acid	≤ 5000	500	<LOQ	PASS
Acetone	≤ 5000	50	<LOQ	PASS
Anisole	≤ 5000	50	<LOQ	PASS
1-Butanol	≤ 5000	50	<LOQ	PASS
2-Butanol	≤ 5000	50	<LOQ	PASS
Butane (sum of n- and iso-)	≤ 5000	50	<LOQ	PASS
Butyl acetate	≤ 5000	50	<LOQ	PASS
Tert-Butyl methyl ether	≤ 5000	50	<LOQ	PASS
Dimethyl sulfoxide	≤ 5000	50	<LOQ	PASS
Ethanol	≤ 5000	50	<LOQ	PASS
Ethyl acetate	≤ 5000	50	<LOQ	PASS
Ethyl ether	≤ 5000	50	<LOQ	PASS
Ethyl formate	≤ 5000	50	<LOQ	PASS
Formic acid	≤ 5000	500	<LOQ	PASS
Heptane	≤ 5000	50	<LOQ	PASS
Isobutyl acetate	≤ 5000	50	<LOQ	PASS
Isopropyl acetate	≤ 5000	50	<LOQ	PASS
Methyl acetate	≤ 5000	50	<LOQ	PASS
3-Methyl-1-butanol	≤ 5000	50	<LOQ	PASS
Methyl ethyl ketone	≤ 5000	50	<LOQ	PASS
2-Methyl-1-propanol	≤ 5000	50	<LOQ	PASS
Pentane	≤ 5000	50	<LOQ	PASS
1-Pentanol	≤ 5000	50	<LOQ	PASS
1-Propanol	≤ 5000	50	<LOQ	PASS
2-Propanol (Isopropanol)	≤ 5000	50	<LOQ	PASS
Propane	≤ 5000	50	<LOQ	PASS
Propyl acetate	≤ 5000	50	<LOQ	PASS
Triethylamine	≤ 5000	500	<LOQ	PASS

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Method: GC-FID. Criteria: ICH guideline Q3C (R6) on impurities: guideline for residual solvents; Table 3, Class 3 Residual Solvents. LOQ = Limit of Quantitation; 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.

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