



# Certificate of Analysis

B.C. COA No.: VIT08474A-3 Rev. 2

B.C. SID: 3

Issue Date: 20-May-21

## CLIENT INFORMATION

Client:



Contact:



## PRODUCT INFORMATION

Product: (Diamonds)

Lot No. XT0DQE

Analysis	Method	Specification	Result	Units	Date
<b>Cannabinoids by HPLC</b>					
Cannabidiol (CBD)	HPLC-UV	N/A	<0.025	mg/g	17-May-21
Cannabidiolic Acid (CBDA)	HPLC-UV	N/A	1.55	mg/g	17-May-21
Total CBD	Calculation	N/A	1.36	mg/g	17-May-21
Total CBD	Calculation	N/A	0.136	% (w/w)	17-May-21
$\Delta$ -9-Tetrahydrocannabinol (THC)	HPLC-UV	N/A	1.82	mg/g	17-May-21
$\Delta$ -9-Tetrahydrocannabinolic Acid	HPLC-UV	N/A	1050	mg/g	17-May-21
Total THC	Calculation	N/A	925	mg/g	17-May-21
Total THC	Calculation	N/A	92.5	% (w/w)	17-May-21
Cannabidivarin (CBDV)	HPLC-UV	N/A	<0.025	mg/g	17-May-21
Cannbigerolic Acid (CBGA)	HPLC-UV	N/A	1.02	mg/g	17-May-21
Cannabigerol (CBG)	HPLC-UV	N/A	<0.025	mg/g	17-May-21
Tetrahydrocannabivarin (THCV)	HPLC-UV	N/A	<0.025	mg/g	17-May-21
Cannabinol (CBN)	HPLC-UV	N/A	1.09	mg/g	17-May-21
$\Delta$ -8-Tetrahydrocannabinol ( $\Delta$ -8-THC)	HPLC-UV	N/A	<0.025	mg/g	17-May-21
Cannabichromene (CBC)	HPLC-UV	N/A	<0.025	mg/g	17-May-21



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Product:	(Diamonds)		Lot No. XT0DQE			
	Analysis	Method	Specification	Result	Units	Date
<b>Terpenes Scan by GC</b>						
	alpha-Pinene	GC-HS/MS	N/A	0.193	%	17-May-21
	Camphene	GC-HS/MS	N/A	<0.005	%	17-May-21
	beta-Myrcene	GC-HS/MS	N/A	<0.005	%	17-May-21
	Sabinene	GC-HS/MS	N/A	<0.005	%	17-May-21
	beta-Pinene	GC-HS/MS	N/A	0.155	%	17-May-21
	alpha-Phellandrene	GC-HS/MS	N/A	<0.005	%	17-May-21
	3-Carene	GC-HS/MS	N/A	<0.005	%	17-May-21
	alpha-Terpinene	GC-HS/MS	N/A	<0.005	%	17-May-21
	Limonene	GC-HS/MS	N/A	0.247	%	17-May-21
	cis-beta-Ocimene	GC-HS/MS	N/A	<0.005	%	17-May-21
	Eucalyptol	GC-HS/MS	N/A	<0.005	%	17-May-21
	gamma-Terpinene	GC-HS/MS	N/A	<0.005	%	17-May-21
	Terpinolene	GC-HS/MS	N/A	<0.005	%	17-May-21
	Sabinene Hydrate	GC-HS/MS	N/A	<0.005	%	17-May-21
	Linalool	GC-HS/MS	N/A	<0.005	%	17-May-21
	Fenchone (2 isomers)	GC-HS/MS	N/A	<0.005	%	17-May-21
	Fenchol	GC-HS/MS	N/A	<0.005	%	17-May-21
	Isopulegol	GC-HS/MS	N/A	<0.005	%	17-May-21
	Camphor (isomers)	GC-HS/MS	N/A	<0.005	%	17-May-21
	Isoborneol	GC-HS/MS	N/A	<0.005	%	17-May-21
	Hexahydrothymol (Menthol)	GC-HS/MS	N/A	<0.005	%	17-May-21
	Borneol (2 isomers)	GC-HS/MS	N/A	<0.005	%	17-May-21
	alpha-Terpineol	GC-HS/MS	N/A	<0.005	%	17-May-21
	gamma-Terpineol	GC-HS/MS	N/A	<0.005	%	17-May-21
	Nerol	GC-HS/MS	N/A	<0.005	%	17-May-21
	Geraniol	GC-HS/MS	N/A	<0.005	%	17-May-21
	Pulegone	GC-HS/MS	N/A	<0.005	%	17-May-21
	Geranyl Acetate	GC-HS/MS	N/A	<0.005	%	17-May-21
	alpha-Cedrene	GC-HS/MS	N/A	<0.005	%	17-May-21
	trans-beta-Caryophyllene	GC-HS/MS	N/A	<0.005	%	17-May-21
	alpha-Humulene	GC-HS/MS	N/A	<0.005	%	17-May-21
	Valencene	GC-HS/MS	N/A	<0.005	%	17-May-21
	cis-Nerolidol	GC-HS/MS	N/A	<0.005	%	17-May-21
	trans-Nerolidol	GC-HS/MS	N/A	<0.005	%	17-May-21
	Guaiol	GC-HS/MS	N/A	<0.005	%	17-May-21
	Cedrol	GC-HS/MS	N/A	<0.005	%	17-May-21
	alpha-Bisabolol	GC-HS/MS	N/A	<0.005	%	17-May-21
	Total	Calculation	N/A	0.595	%	17-May-21

Reviewed by:

*Fei Gao*  
Fei Gao, B.Sc., M.Eng.  
Analyst

Approved by:

*Michael Busse*  
Michael Busse, B.Sc.  
Laboratory Supervisor

Date: 20-May-21





# Certificate of Analysis

B.C. COA No.: VIT08474B-3 Rev. 0

B.C. SID: 3

Issue Date: 20-May-21

## CLIENT INFORMATION

Client: [REDACTED]

Contact: [REDACTED]

## PRODUCT INFORMATION

Product: (Diamonds)

Lot No. XT0DQE

	Analysis	Method	Specification	Result	Units	Date
<b>Heavy Metals by ICP-MS</b>						
	Arsenic	USP <233>	NMT 0.2	<0.10	µg/g	17-May-21
	Cadmium	USP <233>	NMT 0.2	<0.10	µg/g	17-May-21
	Lead	USP <233>	NMT 0.5	<0.10	µg/g	17-May-21
	Mercury	USP <233>	NMT 0.1	<0.10	µg/g	17-May-21

### Microbial Limits

Total Aerobic Microbial Count	USP<2021>	NMT 100,000	<10	CFU/g	17-May-21
Total Combined Mold and Yeast Count	USP<2021>	NMT 1,000	<10	CFU/g	19-May-21
Enterobacterial Count	USP<2021>	NMT 1,000	<9	MPN/g	19-May-21
<i>Escherichia coli</i>	USP<2022>	Absent	Absent	per 10g	19-May-21
<i>Salmonella</i> spp.	USP<2022>	Absent	Absent	per 10g	19-May-21
<i>Staphylococcus aureus</i>	USP<2022>	Absent	Absent	per 10g	18-May-21
<i>Pseudomonas aeruginosa</i>	USP <62>	Absent	Absent	per 10g	18-May-21

### Aflatoxins by LC-MS/MS

Aflatoxins (AFB <sub>1</sub> )	Mod. USP<561>	NMT 5	<5	ppb	20-May-21
Total Aflatoxins (sum of AFB <sub>1</sub> , AFB <sub>2</sub> , AFG <sub>1</sub> & AFG <sub>2</sub> )	Mod. USP<561>	NMT 20	<20	ppb	20-May-21

### Residual Solvents by HS/GC-MS, Modified from USP<467>

Date Analyzed: 18-May-21

Analyte	MRL µg/g	Result µg/g	Analyte	MRL µg/g	Result µg/g
Pentane	5000	<MRL	Propyl acetate	5000	<MRL
Methyl acetate	5000	<MRL	Isobutyl acetate	5000	<MRL
1-Propanol	5000	<MRL	Ethyl ether	5000	<MRL
Methyl ethyl ketone	5000	<MRL	Ethyl formate	5000	<MRL
Isopropyl acetate	5000	<MRL	Tert-butyl-methyl-ether	5000	<MRL
1-Butanol	5000	<MRL	2-Butanol	5000	<MRL
1-Pentanol	5000	<MRL	Heptane	5000	<MRL
Ethanol	5000	<MRL	3-Methyl-1-butanol	5000	<MRL
Acetone	5000	<MRL	Butyl acetate	5000	<MRL
2-Propanol	5000	<MRL	Dimethyl sulfoxide	5000	<MRL
Ethyl acetate	5000	<MRL	Anisole	5000	<MRL
2-Methyl-1-propanol	5000	<MRL	Acetic acid	5000	<MRL
Butane (sum of n- and iso-)	5000	<MRL	Formic acid	5000	<MRL
Propane	5000	<MRL	Triethylamine	5000	<MRL

MRL = Maximum Residue Limit



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Issue Date: 20-May-21

## CLIENT INFORMATION

Client: [REDACTED]

Contact: [REDACTED]

## PRODUCT INFORMATION

Product: (Diamonds)

Lot No. XT0DQE

Health Canada Pesticide Analysis

Date Analyzed: 20-May-21

Analyte	Limits mg/kg	Result mg/kg	Analyte	Limits mg/kg	Result mg/kg
Abamectin	0.1	<MRL	Fluopyram	0.02	<MRL
Acephate	0.02	<MRL	Hexythiazox	0.01	<MRL
Acequinocyl	0.03	<MRL	Imazalil	0.05	<MRL
Acetamiprid	0.1	<MRL	Imidacloprid	0.02	<MRL
Aldicarb	1	<MRL	Iprodione	1	<MRL
Allethrin	0.2	<MRL	Kinoprene	0.5	<MRL
Azadirachtin	1	<MRL	Kresoxim-methyl	0.02	<MRL
Azoxystrobin	0.02	<MRL	Malathion	0.02	<MRL
Benzovindiflupyr	0.02	<MRL	Metalaxyl	0.02	<MRL
Bifenazate	0.02	<MRL	Methiocarb	0.02	<MRL
Bifenthrin	1	<MRL	Methomyl	0.05	<MRL
Boscalid	0.02	<MRL	Methoprene	2	<MRL
Buprofezin	0.02	<MRL	Mevinphos	0.05	<MRL
Carbaryl	0.05	<MRL	MGK-264	0.05	<MRL
Carbofuran	0.02	<MRL	Myclobutanil	0.02	<MRL
Chlorantraniliprole	0.02	<MRL	Naled	0.1	<MRL
Chlorphenapyr	0.05	<MRL	Novaluron	0.05	<MRL
Chlorpyrifos	0.04	<MRL	Oxamyl	3	<MRL
Clofentezine	0.02	<MRL	Paclobutrazol	0.02	<MRL
Clothianidin	0.05	<MRL	Parathion-methyl	0.05	<MRL
Coumaphos	0.02	<MRL	Permethrin	0.5	<MRL
Cyantraniliprole	0.02	<MRL	Phenothrin	0.05	<MRL
Cyfluthrin	0.2	<MRL	Phosmet	0.02	<MRL
Cypermethrin	0.3	<MRL	Piperonyl butoxide	0.2	<MRL
Cyprodinil	0.25	<MRL	Pirimicarb	0.02	<MRL
Daminozide	0.1	<MRL	Prallethrin	0.05	<MRL
Deltamethrin	0.5	<MRL	Propiconazole	0.1	<MRL
Diazinon	0.02	<MRL	Propoxur	0.02	<MRL
Dichlorvos	0.1	<MRL	Pyraclostrobin	0.02	<MRL
Dimethoate	0.02	<MRL	Pyrethrins	0.05	<MRL
Dimethomorph	0.05	<MRL	Pyridaben	0.05	<MRL
Dinotefuran	0.1	<MRL	Quintozene	0.02	<MRL
Dodemorph	0.05	<MRL	Resmethrin	0.1	<MRL
Endosulfan sulfate	0.05	<MRL	Spinetoram	0.02	<MRL
Endosulfan-alpha	0.2	<MRL	Spinosad	0.1	<MRL
Endosulfan-beta	0.05	<MRL	Spirodiclofen	0.25	<MRL
Ethoprophos	0.02	<MRL	Spiromesifen	3	<MRL
Etofenprox	0.05	<MRL	Spirotetramat	0.02	<MRL
Etoazole	0.02	<MRL	Spiroxamine	0.1	<MRL
Etridiazole	0.03	<MRL	Tebuconazole	0.05	<MRL
Fenoxycarb	0.02	<MRL	Tebufenozide	0.02	<MRL
Fenpyroximate	0.02	<MRL	Teflubenzuron	0.05	<MRL
Fensulfothion	0.02	<MRL	Tetrachlorvinphos	0.02	<MRL
Fenthion	0.02	<MRL	Tetramethrin	0.1	<MRL
Fenvalerate	0.1	<MRL	Thiacloprid	0.02	<MRL
Fipronil	0.06	<MRL	Thiamethoxam	0.02	<MRL
Fonicamid	0.05	<MRL	Thiophanate-methyl	0.05	<MRL
Fludioxonil	0.02	<MRL	Trifloxystrobin	0.02	<MRL

MRL = Maximum Residue Limit

Reviewed by:

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Michael Busse, B.Sc.  
Laboratory Supervisor

Approved by:

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for J.H. Schulz, M.Sc., P.Chem.  
Laboratory Manager

Date: 20-May-21