

Arete

Sample: 08-31-2022-23954

Sample Received: 08/31/2022;

Report Created: 09/13/2022; Expires: 09/02/2023

THC-A Diamonds  
Concentrate & Extracts



**84.735%**

Total THC

**<LOQ%**

Δ-9 THC

**96.620%**

Total Cannabinoids

**ND %**

Total CBD

## Cannabinoids

(Testing Method: HPLC, CON-P-3000)

Date Tested: 08/31/2022

Complete

Analyte	LOD	LOQ	Mass	Mass	
	%	%	%	mg/g	
Δ-8-Tetrahydrocannabinol (Δ-8 THC)	0.0980	0.1471	ND	ND	
Δ-9-Tetrahydrocannabinol (Δ-9 THC)	0.0980	0.1471	<LOQ	<LOQ	
Δ-9-Tetrahydrocannabinolic Acid (THCA-A)	0.0980	0.1471	<b>96.620</b>	<b>966.196</b>	
Δ-9-Tetrahydrocannabinophorol (Δ-9-THCP)	0.0980	0.1471	ND	ND	
Δ-9-Tetrahydrocannabivarin (Δ-9-THCV)	0.0980	0.1471	ND	ND	
Δ-9-Tetrahydrocannabivarinic Acid (Δ-9-THCVA)	0.0980	0.1471	ND	ND	
R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC)	0.0980	0.1471	ND	ND	
S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC)	0.0980	0.1471	ND	ND	
9R-Hexahydrocannabinol (9R-HHC)	0.0980	0.1471	ND	ND	
9S-Hexahydrocannabinol (9S-HHC)	0.0980	0.1471	ND	ND	
Tetrahydrocannabinol Acetate (THCO)	0.0980	0.1471	ND	ND	
Cannabidivarin (CBDV)	0.0980	0.1471	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.0980	0.1471	ND	ND	
Cannabidiol (CBD)	0.0980	0.1471	ND	ND	
Cannabidiolic Acid (CBDA)	0.0980	0.1471	ND	ND	
Cannabigerol (CBG)	0.0980	0.1471	ND	ND	
Cannabigerolic Acid (CBGA)	0.0980	0.1471	ND	ND	
Cannabinol (CBN)	0.0980	0.1471	ND	ND	
Cannabinolic Acid (CBNA)	0.0980	0.1471	ND	ND	
Cannabichromene (CBC)	0.0980	0.1471	ND	ND	
Cannabichromenic Acid (CBCA)	0.0980	0.1471	ND	ND	
<b>Total</b>			<b>96.620</b>	<b>966.196</b>	

Total THC = THCa \* 0.877 + Δ9-THC; Total CBD = CBDa \* 0.877 + CBD; LOQ = Limit of Quantitation; ND = Not Detected.

Total THC Measurement of Uncertainty: ± 0.040%

Total CBD Measurement of Uncertainty: ± 2.000%

THCO potency analysis does not designate quantitative specificity of Δ-8-THCO and Δ-9-THCO isomers



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## Heavy Metals

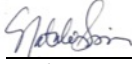
(Method of Analysis: ICP/MS, CON-P-7000)

Date Tested: 09/01/2022

Analyte	LOQ	Mass
	PPM	PPM
Arsenic	0.0992	<0.0992
Cadmium	0.0992	<0.0992
Chromium	0.2480	<0.2480
Lead	0.0992	<0.0992
Mercury	0.0992	<0.0992
Palladium	0.2480	<0.2480
Selenium	0.0992	<0.0992



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## Pesticides


(Testing Method: LC/MS/MS & HPLC-UV, CON-P-5000)

Date Tested: 08/31/2022

Analyte	LOQ	Mass	Analyte	LOQ	Mass
	PPM	PPM		PPM	PPM
Acephate	0.100	<0.100	Hexythiazox	0.100	<0.100
Acequinocyl	0.100	<0.100	Imazalil	0.100	<0.100
Acetamiprid	0.100	<0.100	Imidacloprid	0.200	<0.200
Aldicarb	0.100	<0.100	Kresoxim Methyl	0.100	<0.100
Avermectin B1A	0.100	<0.100	Malathion	0.100	<0.100
Avermectin B1B	0.100	<0.100	Metalaxyl	0.100	<0.100
Azoxystrobin	0.100	<0.100	Methiocarb	0.100	<0.100
Bifenazate	0.100	<0.100	Methomyl	0.100	<0.100
Bifenthrin	0.100	<0.100	Mevinphos	0.100	<0.100
Boscalid	0.100	<0.100	MGK-264	0.100	<0.100
Captan	0.700	<0.700	Myclobutanil	0.100	<0.100
Carbaryl	0.100	<0.100	Naled	0.250	<0.250
Carbofuran	0.100	<0.100	Oxamyl	0.500	<0.500
Chlorantraniliprole	0.100	<0.100	Paclobutrazole	0.100	<0.100
Chlorfenapyr	0.100	<0.100	Parathion Methyl	0.100	<0.100
Chlormequat	0.100	<0.100	Pentachloronitrobenzene	0.150	<0.150
Chlorpyrifos	0.100	<0.100	Permethrins	0.100	<0.100
Clofentazine	0.100	<0.100	Phosmet	0.100	<0.100
Coumaphos	0.100	<0.100	Piperonyl Butoxide	1.000	<1.000
Cyfluthrin	0.500	<0.500	Prallethrin	0.100	<0.100
Cypermethrin	0.500	<0.500	Propiconazole	0.100	<0.100
Daminozide	0.100	<0.100	Propoxur	0.100	<0.100
Diazinon	0.100	<0.100	Pyrethrins	0.500	<0.500
Dichlorvos (DDPV)	0.050	<0.050	Pyridaben	0.100	<0.100
Dimethoate	0.100	<0.100	Spinetoram	0.100	<0.100
Dimethomorph	0.100	<0.100	Spinosad A	0.050	<0.050
Ethoprophos	0.100	<0.100	Spinosad D	0.050	<0.050
Etofenprox	0.100	<0.100	Spiromesifen	0.100	<0.100
Etoxazole	0.100	<0.100	Spirotetramat	0.100	<0.100
Fenhexamid	0.100	<0.100	Spiroxamine	0.100	<0.100
Fenoxycarb	0.100	<0.100	Tebuconazole	0.100	<0.100
Fenpyroximate	0.100	<0.100	Thiacloprid	0.100	<0.100
Fipronil	0.100	<0.100	Thiamethoxam	0.100	<0.100
Flonicamid	0.100	<0.100	Trifloxystrobin	0.100	<0.100
Fludioxonil	0.100	<0.100	Chlordane	0.100	Not Detected



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## Residual Solvents

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Analyte	LOQ	Mass	Analyte	LOQ	Mass
	PPM	PPM		PPM	PPM
1, 2 Dichloroethane	2.000	<2.000	Ethanol	1000.000	<1000.000
1,1 Dichloroethene	2.000	<2.000	Ethyl Acetate	250.000	<250.000
1, 2 Dimethoxyethane	20.000	<20.000	Ethyl Ether	250.000	<250.000
1, 4 Dioxane	100.000	<100.000	Ethylbenzene	100.000	<100.000
1,1,1 Trichloroethane	20.000	<20.000	Ethylene Oxide	5.000	<5.000
1,1,2 Trichloroethane	20.000	<20.000	Hexane	100.000	<100.000
1,2,3,4 Tetrahydronaphthalene	20.000	<20.000	Isobutanol	1000.000	<1000.000
2 Ethoxyethanol	20.000	<20.000	Methanol	100.000	<100.000
2 Hexanone	20.000	<20.000	n-Heptane	1000.000	<1000.000
2 Propanol	500.000	<500.000	n-Pentane	100.000	<100.000
Acetone	250.000	<250.000	n-Propanol	1000.000	<1000.000
Acetonitrile	20.000	<20.000	Nitromethane	10.000	<10.000
Benzene	1.000	<1.000	o-Xylene, m-Xylene, p-Xylene	100.000	<100.000
Butane	1000.000	<1000.000	Propane	1000.000	<1000.000
Chlorobenzene	100.000	<100.000	Pyridine	100.000	<100.000
Chloroform	2.000	<2.000	tert-Butanol	1000.000	<1000.000
cis 1,2 Dichloroethene	100.000	<100.000	Tetrahydrofuran	100.000	<100.000
Diacetyl	100.000	<100.000	Toluene	100.000	<100.000
Dichloromethane	100.000	<100.000	trans 1, 2 Dichloroethene	100.000	<100.000
Dimethyl Sulfoxide (DMSO)	100.000	<100.000	Trichloroethene	20.000	<20.000



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