

Grape Gas

Sample ID: 2301APO0186.1034
Strain: Diamonds

Matrix: Concentrates & Extracts
Type: Live Resin

Produced:
Collected:
Received: 01/20/2023
Completed: 01/26/2023
Batch #: D0109-THCA-GG

Client
Io Extracts
Lic. # 00000077DCPS00216601

Lot #: D0109-THCA-GG



Summary

Test	Date Tested	Result
Batch		Pass
Cannabinoids	01/24/2023	Complete
Terpenes	01/23/2023	Complete
Residual Solvents	01/23/2023	Pass
Microbials	01/24/2023	Pass
Mycotoxins	01/23/2023	Pass
Pesticides	01/23/2023	Pass
Heavy Metals	01/24/2023	Pass

Cannabinoids

Complete

79.1802%	<LOQ	90.8575%	4.3412%
Total THC	Total CBD	Total Cannabinoids	Total Terpenes

Analyte	LOD	LOQ	Result	Result	Q
	%	%	%	mg/g	
THCa		0.1000	85.6987	85.6987	
Δ9-THC		0.1000	4.0224	40.224	
Δ8-THC		0.1000	ND	ND	
THCV		0.1000	ND	ND	
CBDa		0.1000	<LOQ	<LOQ	
CBD		0.1000	ND	ND	
CBDVa		0.1000	ND	ND	
CBDV		0.1000	ND	ND	
CBN		0.1000	ND	ND	
CBGa		0.1000	0.9486	9.486	
CBG		0.1000	0.1878	1.878	
CBC		0.1000	ND	ND	
Total THC			79.1802	791.8020	
Total CBD			0.0000	0.000	
Total			90.8575	908.575	

Date Tested: 01/24/2023 07:00 am



Bryant Kearl
Lab Director
01/26/2023

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Pesticides

Analyte	LOQ	Limit	Units	Q	Status	Analyte	LOQ	Limit	Units	Q	Status
	PPM	PPM	PPM				PPM	PPM	PPM		
Abamectin	0.2500	0.5000	ND	M2	Pass	Hexythiazox	0.5000	1.0000	ND		Pass
Acephate	0.2000	0.4000	ND		Pass	Imazalil	0.1000	0.2000	ND		Pass
Acequinocyl	1.0000	2.0000	ND	M1	Pass	Imidacloprid	0.2000	0.4000	ND	M1	Pass
Acetamiprid	0.1000	0.2000	ND	M1	Pass	Kresoxim Methyl	0.2000	0.4000	ND		Pass
Aldicarb	0.2000	0.4000	ND	M1	Pass	Malathion	0.1000	0.2000	ND	M1	Pass
Azoxystrobin	0.1000	0.2000	ND	M1	Pass	Metalaxyl	0.1000	0.2000	ND	M1	Pass
Bifenazate	0.1000	0.2000	ND	M1	Pass	Methiocarb	0.1000	0.2000	ND		Pass
Bifenthrin	0.1000	0.2000	ND	M2	Pass	Methomyl	0.2000	0.4000	ND		Pass
Boscalid	0.2000	0.4000	ND		Pass	Myclobutanil	0.1000	0.2000	ND		Pass
Carbaryl	0.1000	0.2000	ND		Pass	Naled	0.2500	0.5000	ND		Pass
Carbofuran	0.1000	0.2000	ND		Pass	Oxamyl	0.5000	1.0000	ND		Pass
Chlorantraniliprole	0.1000	0.2000	ND		Pass	Paclobutrazol	0.2000	0.4000	ND	M2	Pass
Chlorfenapyr	0.5000	1.0000	ND	M2	Pass	Permethrins	0.1000	0.2000	ND	M2	Pass
Chlorpyrifos	0.1000	0.2000	ND		Pass	Phosmet	0.1000	0.2000	ND		Pass
Clofentezine	0.1000	0.2000	ND		Pass	Piperonyl Butoxide	1.0000	2.0000	ND		Pass
Cyfluthrin	0.5000	1.0000	ND	M2	Pass	Prallethrin	0.1000	0.2000	ND	M1	Pass
Cypermethrin	0.5000	1.0000	ND		Pass	Propiconazole	0.2000	0.4000	ND		Pass
Daminozide	0.5000	1.0000	ND		Pass	Propoxur	0.1000	0.2000	ND	M1	Pass
Diazinon	0.1000	0.2000	ND		Pass	Pyrethrins	0.5000	1.0000	ND	M1	Pass
Dichlorvos	0.0500	0.1000	ND	M1	Pass	Pyridaben	0.1000	0.2000	ND	M1	Pass
Dimethoate	0.1000	0.2000	ND	M1	Pass	Spinosad	0.1000	0.2000	ND	M2	Pass
Ethoprophos	0.1000	0.2000	ND		Pass	Spiromesifen	0.1000	0.2000	ND		Pass
Etofenprox	0.2000	0.4000	ND	M2	Pass	Spirotetramat	0.1000	0.2000	ND	M1	Pass
Etoxazole	0.1000	0.2000	ND		Pass	Spiroxamine	0.2000	0.4000	ND	M1	Pass
Fenoxycarb	0.1000	0.2000	ND		Pass	Tebuconazole	0.2000	0.4000	ND		Pass
Fenpyroximate	0.2000	0.4000	ND		Pass	Thiacloprid	0.1000	0.2000	ND	M1	Pass
Fipronil	0.2000	0.4000	ND	M1	Pass	Thiamethoxam	0.1000	0.2000	ND	M1	Pass
Flonicamid	0.5000	1.0000	ND	M1	Pass	Trifloxystrobin	0.1000	0.2000	ND		Pass
Fludioxonil	0.2000	0.4000	ND		Pass						

Herbicides

Analyte	LOQ	Limit	Units	Q	Status
	PPM	PPM	PPM		
Pendimethalin	0.0500	0.1000	ND		Pass

Date Tested: 01/23/2023 07:00 am
Pendimethalin is no longer a regulated parameter pursuant to HB2605 2021.



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Microbials

Pass

Analyte	Limit	Result	Status	Q
Salmonella SPP	Detected/Not Detected in 1g	ND	Pass	
Aspergillus flavus	Detected/Not Detected in 1g	ND	Pass	
Aspergillus fumigatus	Detected/Not Detected in 1g	ND	Pass	
Aspergillus niger	Detected/Not Detected in 1g	ND	Pass	
Aspergillus terreus	Detected/Not Detected in 1g	ND	Pass	

Analyte	LOQ	Limit	Result	Status	Q
E. Coli	CFU/g 10.0	CFU/g 100.0	CFU/g < 10 CFU/g	Pass	

Date Tested: 01/24/2023 12:00 am

Mycotoxins

Pass

Analyte	LOD	LOQ	Limit	Units	Status	Q
B1	µg/kg 5	µg/kg 10	µg/kg 20	µg/kg ND	Pass	M1
B2	5	10	20	ND	Pass	M1
G1	5	10	20	ND	Pass	M1
G2	5	10	20	ND	Pass	M1
Total Aflatoxins	5	10	20	ND	Pass	M1
Ochratoxin A	5	10	20	ND	Pass	M1

Date Tested: 01/23/2023 07:00 am

Heavy Metals

Pass

Analyte	LOD	LOQ	Limit	Units	Status	Q
Arsenic	µg/g 0.066	µg/g 0.133	µg/g 0.4	µg/g ND	Pass	
Cadmium	0.066	0.133	0.4	ND	Pass	
Lead	0.166	0.333	1	ND	Pass	
Mercury	0.2	0.4	1.2	ND	Pass	

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Residual Solvents

Analyte	LOQ	Limit	Mass	Status	Q
	PPM	PPM	PPM		Pass
Acetone	381.0000	1000.0000	ND	Pass	
Acetonitrile	154.0000	410.0000	ND	Pass	
Benzene	1.0000	2.0000	ND	Pass	
Butanes	1914.0000	5000.0000	ND	Pass	
Chloroform	24.0000	60.0000	ND	Pass	
Dichloromethane	231.0000	600.0000	ND	Pass	
Ethanol	1910.0000	5000.0000	ND	Pass	
Ethyl-Acetate	1907.0000	5000.0000	ND	Pass	
Ethyl-Ether	1901.0000	5000.0000	ND	Pass	
n-Heptane	1892.0000	5000.0000	ND	Pass	
Hexanes	115.0000	290.0000	ND	Pass	
Isopropanol	1915.0000	5000.0000	ND	Pass	
Isopropyl-Acetate	1908.0000	5000.0000	ND	Pass	
Methanol	1141.0000	3000.0000	ND	Pass	
Pentane	1923.0000	5000.0000	<LOQ	Pass	
Propane	1907.0000	5000.0000	ND	Pass	
Toluene	343.0000	890.0000	ND	Pass	
Xylenes + Ethyl Benzene	841.0000	2170.0000	ND	Pass	

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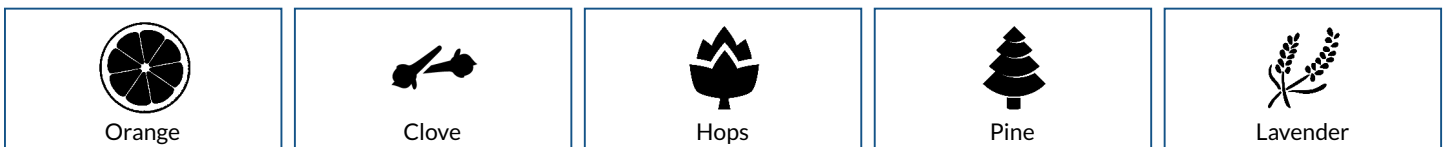
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Terpenes

Analyte	LOQ	Mass	Mass	Q	Analyte	LOQ	Mass	Mass	Q
	%	%	mg/g			%	%	mg/g	
Limonene	0.0054	1.0284	10.284	Q3	Caryophyllene Oxide	0.0064	ND	ND	Q3
trans-Caryophyllene	0.0057	0.5819	5.819	Q3	Cedrol	0.0060	ND	ND	Q3
trans-Nerolidol	0.0089	0.4645	4.645	Q3	cis-β-Farnesene	0.0074	ND	ND	Q3
β-Myrcene	0.0055	0.4361	4.361	Q3	cis-Nerolidol	0.0086	ND	ND	Q3
α-Pinene	0.0056	0.4256	4.256	Q3	Eucalyptol	0.0054	ND	ND	Q3
Linalool	0.0061	0.3157	3.157	Q3	α-Farnesene	0.0073	ND	ND	Q3
β-Pinene	0.0049	0.2551	2.551	Q3	Fenchone	0.0064	ND	ND	Q3
α-Humulene	0.0059	0.2174	2.174	Q3	γ-Terpinene	0.0049	ND	ND	Q3
Endo-Fenchyl Alcohol	0.0136	0.1792	1.792	Q3	Geraniol	0.0083	ND	ND	Q3
Ocimene	0.0057	0.1600	1.600	Q3	Geranyl Acetate	0.0082	ND	ND	Q3
α-Bisabolol	0.0072	0.1237	1.237	Q3	Guaial	0.0065	ND	ND	Q3
Terpinolene	0.0047	0.1035	1.035	Q3	Hexahydro Thymol	0.0109	ND	ND	Q3
Camphene	0.0039	0.0393	0.393	Q3	Isoborneol	0.0115	ND	ND	Q3
Borneol	0.0062	0.0109	0.109	Q3	Isopulegol	0.0079	ND	ND	Q3
3-Carene	0.0051	ND	ND	Q3	Nerol	0.0108	ND	ND	Q3
α-Cedrene	0.0052	ND	ND	Q3	Pulegone	0.0072	ND	ND	Q3
α-Phellandrene	0.0042	ND	ND	Q3	Sabinene	0.0061	ND	ND	Q3
α-Terpinene	0.0105	ND	ND	Q3	Sabinene Hydrate	0.0086	ND	ND	Q3
trans-β-Farnesene	0.0049	ND	ND	Q3	Valencene	0.0061	ND	ND	Q3
Camphor	0.0154	ND	ND	Q3	Total		4.3412	43.412	

Primary Aromas



Date Tested: 01/23/2023 07:00 am
Terpenes analysis is not regulated by AZDHS.



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