



Customer: Scientia LLC
Product identity: H22T2 Primary
Client/Metric ID: .
Sample Date:
Laboratory ID: 19-004953-0001
Temp: 22.6 °C
Relinquished by: Brian Ramos
Grower: AG-R1055293IHH
Weight Received: 10 g

Sample Results

Potency	Method J AOAC 2015 V98-6			Units %	Batch 1904029	Analyze 05/08/19 05:02 AM
Analyte	As Received	Dry weight	LOQ	Notes		<ul style="list-style-type: none"> ● CBD ● CBDV
CBC [†]	< LOQ		0.0889			
CBC-A [†]	< LOQ		0.0889			
CBC-Total [†]	< LOQ		0.188			
CBD	> 98.0		0.889			
CBD-A	< LOQ		0.0889			
CBD-Total	> 98.0		0.188			
CBDV [†]	0.302		0.0889			
CBDV-A [†]	< LOQ		0.0889			
CBDV-Total [†]	0.302		0.187			
CBG [†]	< LOQ		0.0889			
CBG-A [†]	< LOQ		0.0889			
CBG-Total [†]	< LOQ		0.188			
CBL [†]	< LOQ		0.0889			
CBN	< LOQ		0.0889			
Δ8-THC [†]	< LOQ		0.0889			
Δ9-THC	< LOQ		0.0889			
THC-A	< LOQ		0.0889			
THC-Total	< LOQ		0.187			
THCV [†]	< LOQ		0.0889			
THCV-A [†]	< LOQ		0.0889			
THCV-Total [†]	< LOQ		0.187			



Solvents						Method EPA5021A						Units	µg/g	Batch	1903964	Analyze	05/07/19	11:55 AM	
Analyte	Result	Limits	LOQ	Status	Notes	Analyte	Result	Limits	LOQ	Status	Notes								
1,4-Dioxane	< LOQ	380	100	pass		2-Butanol	< LOQ	5000	200	pass									
2-Ethoxyethanol	< LOQ	160	30.0	pass		2-Methylbutane	< LOQ		200										
2-Methylpentane	< LOQ		30.0			2-Propanol (IPA)	< LOQ	5000	200	pass									
2,2-Dimethylbutane	< LOQ		30.0			2,2-Dimethylpropane	< LOQ		200										
2,3-Dimethylbutane	< LOQ		30.0			3-Methylpentane	< LOQ		30.0										
Acetone	< LOQ	5000	200	pass		Acetonitrile	< LOQ	410	100	pass									
Benzene	< LOQ	2.00	1.00	pass		Butanes (sum)	< LOQ	5000	400	pass									
Cyclohexane	< LOQ	3880	200	pass		Ethyl acetate	< LOQ	5000	200	pass									
Ethyl benzene	< LOQ		200			Ethyl ether	< LOQ	5000	200	pass									
Ethylene glycol	< LOQ	620	200	pass		Ethylene oxide	< LOQ	50.0	30.0	pass									
Hexanes (sum)	< LOQ	290	150	pass		Isopropyl acetate	< LOQ	5000	200	pass									
Isopropylbenzene	< LOQ	70.0	30.0	pass		m,p-Xylene	< LOQ		200										
Methanol	< LOQ	3000	200	pass		Methylene chloride	< LOQ	600	200	pass									
Methylpropane	< LOQ		200			n-Butane	< LOQ		200										
n-Heptane	< LOQ	5000	200	pass		n-Hexane	< LOQ		30.0										
n-Pentane	< LOQ		200			o-Xylene	< LOQ		200										
Pentanes (sum)	< LOQ	5000	600	pass		Propane	< LOQ	5000	200	pass									
Tetrahydrofuran	< LOQ	720	100	pass		Toluene	< LOQ	890	100	pass									
Total Xylenes	< LOQ		400			Total Xylenes and Ethyl	< LOQ	2170	600	pass									



Pesticides											
Method AOAC 2007.01 & EN 15662 (mod) Units mg/kg Batch 1903993 Analyze 05/07/19 04:22 PM											
Analyte	Result	Limits	LOQ	Status	Notes	Analyte	Result	Limits	LOQ	Status	Notes
Abamectin	< LOQ	0.50	0.250	pass		Acephate	< LOQ	0.40	0.250	pass	
Acequinocyl	< LOQ	2.0	1.00	pass		Acetamiprid	< LOQ	0.20	0.100	pass	
Aldicarb	< LOQ	0.40	0.200	pass		Azoxystrobin	< LOQ	0.20	0.100	pass	
Bifenazate	< LOQ	0.20	0.100	pass		Bifenthrin	< LOQ	0.20	0.100	pass	
Boscalid	< LOQ	0.40	0.100	pass		Carbaryl	< LOQ	0.20	0.100	pass	
Carbofuran	< LOQ	0.20	0.100	pass		Chlorantraniliprole	< LOQ	0.20	0.100	pass	
Chlorfenapyr	< LOQ	1.0	0.500	pass		Chlorpyrifos	< LOQ	0.20	0.100	pass	
Clofentezine	< LOQ	0.20	0.100	pass		Cyfluthrin (incl.	< LOQ	1.0	0.500	pass	
Cypermethrin	< LOQ	1.0	0.500	pass		Daminozide	< LOQ	1.0	0.500	pass	
Diazinon	< LOQ	0.20	0.100	pass		Dichlorvos	< LOQ	1.0	0.500	pass	
Dimethoate	< LOQ	0.20	0.100	pass		Ethoprophos	< LOQ	0.20	0.100	pass	
Etofenprox	< LOQ	0.40	0.200	pass		Etoxazole	< LOQ	0.20	0.100	pass	
Fenoxycarb	< LOQ	0.20	0.100	pass		Fenpyroximate	< LOQ	0.40	0.200	pass	
Fipronil	< LOQ	0.40	0.200	pass		Fonicamid	< LOQ	1.0	0.400	pass	
Fludioxonil	< LOQ	0.40	0.200	pass		Hexythiazox	< LOQ	1.0	0.400	pass	
Imazalil	< LOQ	0.20	0.100	pass		Imidacloprid	< LOQ	0.40	0.200	pass	
Kresoxim-methyl	< LOQ	0.40	0.200	pass		Malathion	< LOQ	0.20	0.100	pass	
Metalaxyl	< LOQ	0.20	0.100	pass		Methiocarb	< LOQ	0.20	0.100	pass	
Methomyl	< LOQ	0.40	0.200	pass		MGK-264	< LOQ	0.20	0.100	pass	
Myclobutanil	< LOQ	0.20	0.100	pass		Naled	< LOQ	0.50	0.250	pass	
Oxamyl	< LOQ	1.0	0.500	pass		Paclobutrazole	< LOQ	0.40	0.200	pass	
Parathion-Methyl	< LOQ	0.20	0.200	pass		Permethrin	< LOQ	0.20	0.100	pass	
Phosmet	< LOQ	0.20	0.100	pass		Piperonyl butoxide	< LOQ	2.0	1.00	pass	
Prallethrin	< LOQ	0.20	0.100	pass		Propiconazole	< LOQ	0.40	0.200	pass	
Propoxur	< LOQ	0.20	0.100	pass		Pyrethrin I (total)	< LOQ	1.0	0.500	pass	
Pyridaben	< LOQ	0.20	0.100	pass		Spinosad	< LOQ	0.20	0.100	pass	
Spiromesifen	< LOQ	0.20	0.100	pass		Spirotetramat	< LOQ	0.20	0.100	pass	
Spiroxamine	< LOQ	0.40	0.200	pass		Tebuconazole	< LOQ	0.40	0.200	pass	
Thiacloprid	< LOQ	0.20	0.100	pass		Thiamethoxam	< LOQ	0.20	0.100	pass	
Trifloxystrobin	< LOQ	0.20	0.100	pass							

Notes:

Concentration of cannabinoid species in high-purity concentrates must be estimated due to inherent measurement uncertainty. For concentrate products with a total cannabinoid content of >95%, total purity characterization analysis is recommended.



Customer: Scientia LLC

Product identity: H22T2 Dup

Client/Metric ID: .

Sample Date:

Laboratory ID: 19-004953-0002

Temp: 22.6 °C

Relinquished by: Brian Ramos

Grower: AG-R1055293IHH

Weight Received: 10 g

Sample Results

Potency	Method J AOAC 2015 V98-6			Units %	Batch 1904029	Analyze 05/08/19 05:13 AM
Analyte	As Received	Dry weight	LOQ	Notes	<ul style="list-style-type: none"> ● CBD ● CBDV ● Δ9-THC 	
CBC [†]	< LOQ		0.0883			
CBC-A [†]	< LOQ		0.0883			
CBC-Total [†]	< LOQ		0.188			
CBD	> 98.0		0.883			
CBD-A	< LOQ		0.0883			
CBD-Total	> 98.0		0.188			
CBDV [†]	0.306		0.0883			
CBDV-A [†]	< LOQ		0.0883			
CBDV-Total [†]	0.306		0.187			
CBG [†]	< LOQ		0.0883			
CBG-A [†]	< LOQ		0.0883			
CBG-Total [†]	< LOQ		0.188			
CBL [†]	< LOQ		0.0883			
CBN	< LOQ		0.0883			
Δ8-THC [†]	< LOQ		0.0883			
Δ9-THC	0.0976		0.0883			
THC-A	< LOQ		0.0883			
THC-Total	< LOQ		0.187			
THCV [†]	< LOQ		0.0883			
THCV-A [†]	< LOQ		0.0883			
THCV-Total [†]	< LOQ		0.187			



Solvents						Method EPA5021A						Units	Batch	Analyze			
						µg/g	1903964	05/07/19 11:55 AM									
Analyte	Result	Limits	LOQ	Status	Notes	Analyte	Result	Limits	LOQ	Status	Notes						
1,4-Dioxane	< LOQ	380	100	pass		2-Butanol	< LOQ	5000	200	pass							
2-Ethoxyethanol	< LOQ	160	30.0	pass		2-Methylbutane	< LOQ		200								
2-Methylpentane	< LOQ		30.0			2-Propanol (IPA)	< LOQ	5000	200	pass							
2,2-Dimethylbutane	< LOQ		30.0			2,2-Dimethylpropane	< LOQ		200								
2,3-Dimethylbutane	< LOQ		30.0			3-Methylpentane	< LOQ		30.0								
Acetone	< LOQ	5000	200	pass		Acetonitrile	< LOQ	410	100	pass							
Benzene	< LOQ	2.00	1.00	pass		Butanes (sum)	< LOQ	5000	400	pass							
Cyclohexane	< LOQ	3880	200	pass		Ethyl acetate	< LOQ	5000	200	pass							
Ethyl benzene	< LOQ		200			Ethyl ether	< LOQ	5000	200	pass							
Ethylene glycol	< LOQ	620	200	pass		Ethylene oxide	< LOQ	50.0	30.0	pass							
Hexanes (sum)	< LOQ	290	150	pass		Isopropyl acetate	< LOQ	5000	200	pass							
Isopropylbenzene	< LOQ	70.0	30.0	pass		m,p-Xylene	< LOQ		200								
Methanol	< LOQ	3000	200	pass		Methylene chloride	< LOQ	600	200	pass							
Methylpropane	< LOQ		200			n-Butane	< LOQ		200								
n-Heptane	< LOQ	5000	200	pass		n-Hexane	< LOQ		30.0								
n-Pentane	< LOQ		200			o-Xylene	< LOQ		200								
Pentanes (sum)	< LOQ	5000	600	pass		Propane	< LOQ	5000	200	pass							
Tetrahydrofuran	< LOQ	720	100	pass		Toluene	< LOQ	890	100	pass							
Total Xylenes	< LOQ		400			Total Xylenes and Ethyl	< LOQ	2170	600	pass							



Pesticides											
Method AOAC 2007.01 & EN 15662 (mod) Units mg/kg Batch 1903993 Analyze 05/07/19 04:22 PM											
Analyte	Result	Limits	LOQ	Status	Notes	Analyte	Result	Limits	LOQ	Status	Notes
Abamectin	< LOQ	0.50	0.250	pass		Acephate	< LOQ	0.40	0.250	pass	
Acequinocyl	< LOQ	2.0	1.00	pass		Acetamiprid	< LOQ	0.20	0.100	pass	
Aldicarb	< LOQ	0.40	0.200	pass		Azoxystrobin	< LOQ	0.20	0.100	pass	
Bifenazate	< LOQ	0.20	0.100	pass		Bifenthrin	< LOQ	0.20	0.100	pass	
Boscalid	< LOQ	0.40	0.100	pass		Carbaryl	< LOQ	0.20	0.100	pass	
Carbofuran	< LOQ	0.20	0.100	pass		Chlorantraniliprole	< LOQ	0.20	0.100	pass	
Chlorfenapyr	< LOQ	1.0	0.500	pass		Chlorpyrifos	< LOQ	0.20	0.100	pass	
Clofentezine	< LOQ	0.20	0.100	pass		Cyfluthrin (incl.	< LOQ	1.0	0.500	pass	
Cypermethrin	< LOQ	1.0	0.500	pass		Daminozide	< LOQ	1.0	0.500	pass	
Diazinon	< LOQ	0.20	0.100	pass		Dichlorvos	< LOQ	1.0	0.500	pass	
Dimethoate	< LOQ	0.20	0.100	pass		Ethoprophos	< LOQ	0.20	0.100	pass	
Etofenprox	< LOQ	0.40	0.200	pass		Etoxazole	< LOQ	0.20	0.100	pass	
Fenoxycarb	< LOQ	0.20	0.100	pass		Fenpyroximate	< LOQ	0.40	0.200	pass	
Fipronil	< LOQ	0.40	0.200	pass		Fonicamid	< LOQ	1.0	0.400	pass	
Fludioxonil	< LOQ	0.40	0.200	pass		Hexythiazox	< LOQ	1.0	0.400	pass	
Imazalil	< LOQ	0.20	0.100	pass		Imidacloprid	< LOQ	0.40	0.200	pass	
Kresoxim-methyl	< LOQ	0.40	0.200	pass		Malathion	< LOQ	0.20	0.100	pass	
Metalaxyl	< LOQ	0.20	0.100	pass		Methiocarb	< LOQ	0.20	0.100	pass	
Methomyl	< LOQ	0.40	0.200	pass		MGK-264	< LOQ	0.20	0.100	pass	
Myclobutanil	< LOQ	0.20	0.100	pass		Naled	< LOQ	0.50	0.250	pass	
Oxamyl	< LOQ	1.0	0.500	pass		Paclobutrazole	< LOQ	0.40	0.200	pass	
Parathion-Methyl	< LOQ	0.20	0.200	pass		Permethrin	< LOQ	0.20	0.100	pass	
Phosmet	< LOQ	0.20	0.100	pass		Piperonyl butoxide	< LOQ	2.0	1.00	pass	
Prallethrin	< LOQ	0.20	0.100	pass		Propiconazole	< LOQ	0.40	0.200	pass	
Propoxur	< LOQ	0.20	0.100	pass		Pyrethrin I (total)	< LOQ	1.0	0.500	pass	
Pyridaben	< LOQ	0.20	0.100	pass		Spinosad	< LOQ	0.20	0.100	pass	
Spiromesifen	< LOQ	0.20	0.100	pass		Spirotetramat	< LOQ	0.20	0.100	pass	
Spiroxamine	< LOQ	0.40	0.200	pass		Tebuconazole	< LOQ	0.40	0.200	pass	
Thiacloprid	< LOQ	0.20	0.100	pass		Thiamethoxam	< LOQ	0.20	0.100	pass	
Trifloxystrobin	< LOQ	0.20	0.100	pass							

Notes:

Concentration of cannabinoid species in high-purity concentrates must be estimated due to inherent measurement uncertainty. For concentrate products with a total cannabinoid content of >95%, total purity characterization analysis is recommended.



Abbreviations

Limits: Action Levels per OAR-333-007-0400, OAR-333-007-0210, OAR-333-007-0220

Limit(s) of Quantitation (LOQ): The minimum levels, concentrations, or quantities of a target variable (e.g., target analyte) that can be reported with a specified degree of confidence.

† = Analyte not NELAP accredited.

Units of Measure

g = Gram

µg/g = Microgram per gram

mg/kg = Milligram per kilogram

% = Percentage of sample

% wt = µg/g divided by 10,000

Approved Signatory

Derrick Tanner
General Manager