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Sample Galaxy Treats Blast Bar 2g THC-O Solar Stranana

Sample ID SD220216	-015RT (46443)	atrix Concentrate (Inhalable Cannabis Good)		
Tested for A8 Indust	ries			
Sampled -	Received Feb 24, 2022	Reported Apr 13, 2022		
Americana acconstant	CANON TED DEC LIME			

Analyses executed CAN20, TER, PES, HME

CAN20 - Cannabinoids Analysis

Analyzed Feb 28, 2022 | Instrument HLPC
Measurement Uncertainty at 95% confidence 7.806%

Analyte	LOD mg/g	LOQ mg/g	Result %	Result mg/g
Cannabidivarin (CBDV)	0.039	0.16	0.40	3.98
Cannabidiolic Acid (CBDA)	0.001	0.16	1.27	12.67
Cannabigerol Acid (CBGA)	0.001	0.16	ND	ND
Cannabigerol (CBG)	0.001	0.16	ND	ND
Cannabidiol (CBD)	0.001	0.16	ND	ND
Tetrahydrocannabivarin (THCV)	0.001	0.16	ND	ND
Cannabinol (CBN)	0.001	0.16	0.14	1.39
exo-THC (exo-THC)	0.016	0.8	NT	NT
Tetrahydrocannabinol (Δ9-THC)	0.003	0.16	ND	ND
$\Delta 8$ -tetrahydrocannabinol ($\Delta 8$ -THC)	0.004	0.16	69.47	694.74
(6aR,9S)- Δ 10-Tetrahydrocannabinol ((6aR,9S)- Δ 10)	0.015	0.16	ND	ND
Hexahydrocannabinol (S Isomer) (9s-HHC)	0.017	0.16	ND	ND
(6aR,9R)- Δ 10-Tetrahydrocannabinol ((6aR,9R)- Δ 10)	0.007	0.16	ND	ND
Hexahydrocannabinol (R Isomer) (9r-HHC)	0.016	0.16	ND	ND
Cannabichromene (CBC)	0.002	0.16	ND	ND
Tetrahydrocannabinolic Acid (THCA)	0.001	0.16	ND	ND
Δ 9-Tetrahydrocannabiphorol (Δ 9-THCP)	0.017	0.16	ND	ND
$\Delta 8 ext{-Tetrahydrocannabiphorol}$ ($\Delta 8 ext{-THCP}$)	0.041	0.16	ND	ND
Δ 8-THC-O-acetate (Δ 8-THC-O)	0.076	0.16	1.47	14.72
Δ 9-THC-O-acetate (Δ 9-THC-O)	0.066	0.16	20.77	207.73
Total THC (THCa * 0.877 + THC)			7.15	71.48
Total CBD (CBDa * 0.877 + CBD)			1.11	11.11
Total CBG (CBGa * 0.877 + CBG)			ND	ND
Total HHC (9r-HHC + 9s-HHC)			ND	ND
TOTAL CANNABINOIDS			91.85	918.54

Sample photography



ND Not Detected
N/A Not Applicable
NT Not Reported
LOD Limit of Detection
LOQ Limit of Quantification
<LOQ Detected
>ULOL Above upper limit of linearity
CFU/g Colony Forming Units per 1
gram
TNTC Too Numerous to Count









Scan the QR code to verify authenticity. Authorized Signature

Brandon Starr

Brandon Starr, Lab Manager Wed, 13 Apr 2022 19:43:36 -0700



Analyzed Feb 28, 2022 | Instrument ICP/MSMS | Method SOP-005

Analyte	LOD ug/g	LOQ ug/g	Result ug/g	Limit ug/g	Analyte	LOD ug/g	LOQ ug/g	Result ug/g	Limit ug/g
Arsenic (As)	0.0002	0.05	<loq< td=""><td>0.2</td><td>Cadmium (Cd)</td><td>3.0e-05</td><td>0.05</td><td><loq< td=""><td>0.2</td></loq<></td></loq<>	0.2	Cadmium (Cd)	3.0e-05	0.05	<loq< td=""><td>0.2</td></loq<>	0.2
Mercury (Hg)	1.0e-05	0.01	ND	0.1	Lead (Pb)	1.0e-05	0.125	<loq< td=""><td>0.5</td></loq<>	0.5

ND Not Detected
N/A Not Applicable
NT Not Reported
LOD Limit of Detection
LOQ Limit of Quantification
<LOQ Detected
>ULOL Above upper limit of linearity
CFU/g Colony Forming Units per 1
gram
TNTC Too Numerous to Count









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Brandon Starr

Brandon Starr, Lab Manager Wed, 13 Apr 2022 19:43:36 -0700



Analuzed Feb 28, 2022 | Instrument LC/MSMS GC/MSMS | Method SOP-003

Analyte	LOD ug/g	LOQ ug/g	Result ug/g	Limit ug/g	Analyte	LOD ug/g	LOQ ug/g	Result ug/g	Limit ug/g
Aldicarb	0.0078	0.02	ND	0.0078	Carbofuran	0.01	0.02	ND	0.01
Dimethoate	0.01	0.02	ND	0.01	Etofenprox	0.02	0.1	ND	0.02
Fenoxycarb	0.01	0.02	ND	0.01	Thiachloprid	0.01	0.02	ND	0.01
Daminozide	0.01	0.03	ND	0.01	Dichlorvos	0.02	0.07	ND	0.02
Imazalil	0.02	0.07	ND	0.02	Methiocarb	0.01	0.02	ND	0.01
Spiroxamine	0.01	0.02	ND	0.01	Coumaphos	0.01	0.02	ND	0.01
Fipronil	0.01	0.1	ND	0.01	Paclobutrazol	0.01	0.03	ND	0.01
Chlorpyrifos	0.01	0.04	ND	0.01	Ethoprophos (Prophos)	0.01	0.02	ND	0.01
Baygon (Propoxur)	0.01	0.02	ND	0.01	Chlordane	0.04	0.1	ND	0.04
Chlorfenapyr	0.03	0.1	ND	0.03	Methyl Parathion	0.02	0.1	ND	0.02
Mevinphos	0.03	0.08	ND	0.03	Abamectin	0.03	0.08	ND	0.1
Acephate	0.02	0.05	ND	0.1	Acetamiprid	0.01	0.05	ND	0.1
Azoxystrobin	0.01	0.02	ND	0.1	Bifenazate	0.01	0.05	ND	0.1
Bifenthrin	0.02	0.35	ND	3	Boscalid	0.01	0.03	ND	0.1
Carbaryl	0.01	0.02	ND	0.5	Chlorantraniliprole	0.01	0.04	ND	10
Clofentezine	0.01	0.03	ND	0.1	Diazinon	0.01	0.02	ND	0.1
Dimethomorph	0.02	0.06	ND	2	Etoxazole	0.01	0.05	ND	0.1
Fenpyroximate	0.02	0.1	ND	0.1	Flonicamid	0.01	0.02	ND	0.1
Fludioxonil	0.01	0.05	ND	0.1	Hexythiazox	0.01	0.03	ND	0.1
Imidacloprid	0.01	0.05	ND	5	Kresoxim-methyl	0.01	0.03	ND	0.1
Malathion	0.01	0.05	ND	0.5	Metalaxyl	0.01	0.02	ND	2
Methomyl	0.02	0.05	ND	1	Myclobutanil	0.02	0.07	ND	0.1
Naled	0.01	0.02	ND	0.1	Oxamyl	0.01	0.02	ND	0.5
Permethrin	0.01	0.02	ND	0.5	Phosmet	0.01	0.02	ND	0.1
Piperonyl Butoxide	0.02	0.06	ND	3	Propiconazole	0.03	0.08	ND	0.1
Prallethrin	0.02	0.05	ND	0.1	Pyrethrin	0.05	0.41	ND	0.5
Pyridaben	0.02	0.07	ND	0.1	Spinosad A	0.01	0.05	ND	0.1
Spinosad D	0.01	0.05	ND	0.1	Spiromesifen	0.02	0.06	ND	0.1
Spirotetramat	0.01	0.02	ND	0.1	Tebuconazole	0.01	0.02	ND	0.1
Thiamethoxam	0.01	0.02	ND	5	Trifloxystrobin	0.01	0.02	ND	0.1
Acequinocyl	0.02	0.09	ND	0.1	Captan	0.01	0.02	ND	0.7
Cypermethrin	0.02	0.1	ND	1	Cyfluthrin	0.04	0.1	ND	2
Fenhexamid	0.02	0.07	ND	0.1	Spinetoram J,L	0.02	0.07	ND	0.1
Pentachloronitrobenzene	0.01	0.1	ND	0.1					

ND Not Detected
N/A Not Applicable
NT Not Reported
LOD Limit of Detection
LOQ Limit of Quantification
<LOQ Detected
>ULOL Above upper limit of linearity
CFU/g Colony Forming Units per 1
gram
TNTC Too Numerous to Count









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Brandon Starr

Brandon Starr, Lab Manager Wed, 13 Apr 2022 19:43:36 -0700



Analyzed Apr 13, 2022 | Instrument GC/FID | Method SOP-002

LOD mg/g	LOQ mg/g	(%)	(mg/g)	Analyte	LOD mg/g	LOQ mg/g	(%)	(mg/g)
0.128	0.427	0.11	1.06	Camphene (Cam)	0.147	0.492	ND	ND
0.073	0.244	0.70	6.99	b-Pinene (b-Pin)	0.413	1.377	0.33	3.26
0.11	0.366	ND	ND	a-Terpinene (a-Ter)	0.099	0.331	ND	ND
0.055	0.182	ND	ND	Limonene (Lim)	0.081	0.268	3.00	30.03
0.104	0.347	ND	ND	b-Ocimene (b-Oci)	0.085	0.282	ND	ND
0.19	0.634	ND	ND	g-Terpinene (g-Ter)	0.108	0.361	0.19	1.88
0.119	0.395	0.22	2.24	Linalool (Lin)	0.146	0.487	0.14	1.40
0.139	0.464	ND	ND	Geraniol (Gera)	0.177	0.589	ND	ND
0.132	0.44	0.38	3.83	a-Humulene (Hum)	0.183	0.608	0.12	1.24
0.129	0.431	ND	ND	trans-Nerolidol (tr-Ner)	0.093	0.31	ND	ND
0.15	0.499	ND	ND	Caryophyllene Oxide (CarOx)	0.183	0.611	ND	ND
0.159	0.529	ND	ND					
	mg/g 0.128 0.073 0.11 0.055 0.104 0.19 0.119 0.139 0.132 0.129 0.15	mg/g mg/g 0.128 0.427 0.073 0.244 0.11 0.366 0.055 0.182 0.104 0.347 0.19 0.634 0.119 0.395 0.139 0.464 0.132 0.44 0.129 0.431 0.15 0.499	mg/g mg/g (%) 0.128 0.427 0.11 0.073 0.244 0.70 0.11 0.366 ND 0.055 0.182 ND 0.104 0.347 ND 0.19 0.634 ND 0.119 0.395 0.22 0.139 0.464 ND 0.132 0.44 0.38 0.129 0.431 ND 0.15 0.499 ND	mg/g mg/g (%) (mg/g) 0.128 0.427 0.11 1.06 0.073 0.244 0.70 6.99 0.11 0.366 ND ND 0.055 0.182 ND ND 0.104 0.347 ND ND 0.19 0.634 ND ND 0.119 0.395 0.22 2.24 0.139 0.464 ND ND 0.132 0.44 0.38 3.83 0.129 0.431 ND ND 0.15 0.499 ND ND	mg/g mg/g (%) (mg/g) Analyte 0.128 0.427 0.11 1.06 Camphene (Cam) 0.073 0.244 0.70 6.99 b-Pinene (b-Pin) 0.11 0.366 ND ND a-Terpinene (a-Ter) 0.055 0.182 ND ND Limonene (Lim) 0.104 0.347 ND ND b-Ocimene (b-Oci) 0.19 0.634 ND ND g-Terpinene (g-Ter) 0.119 0.395 0.22 2.24 Linalool (Lin) 0.139 0.464 ND ND Geraniol (Gera) 0.132 0.44 0.38 3.83 a-Humulene (Hum) 0.129 0.431 ND ND Trans-Nerolidol (tr-Ner) 0.15 0.499 ND ND Caryophyllene Oxide (CarOx)	mg/g mg/g (%) (mg/g) Analyte mg/g 0.128 0.427 0.11 1.06 Camphene (Cam) 0.147 0.073 0.244 0.70 6.99 b-Pinene (b-Pin) 0.413 0.11 0.366 ND ND a-Terpinene (a-Ter) 0.099 0.055 0.182 ND ND Limonene (Lim) 0.081 0.104 0.347 ND ND b-Ocimene (b-Oci) 0.085 0.19 0.634 ND ND g-Terpinene (g-Ter) 0.108 0.119 0.395 0.22 2.24 Linalool (Lin) 0.146 0.139 0.464 ND ND Geraniol (Gera) 0.177 0.132 0.44 0.38 3.83 a-Humulene (Hum) 0.183 0.129 0.431 ND ND trans-Nerolidol (tr-Ner) 0.093 0.15 0.499 ND ND Caryophyllene Oxide (CarOx) 0.183	mg/g mg/g (%) (mg/g) Analyte mg/g mg/g 0.128 0.427 0.11 1.06 Camphene (Cam) 0.147 0.492 0.073 0.244 0.70 6.99 b-Pinene (b-Pin) 0.413 1.377 0.11 0.366 ND ND a-Terpinene (a-Ter) 0.099 0.331 0.055 0.182 ND ND Limonene (Lim) 0.081 0.268 0.104 0.347 ND ND b-Ocimene (b-Oci) 0.085 0.282 0.19 0.634 ND ND g-Terpinene (g-Ter) 0.108 0.361 0.119 0.395 0.22 2.24 Linalool (Lin) 0.146 0.487 0.139 0.464 ND ND Geraniol (Gera) 0.177 0.589 0.132 0.44 0.38 3.83 a-Humulene (Hum) 0.183 0.608 0.129 0.431 ND ND trans-Nerolidol (tr-Ner) 0.093 0.31 <td>mg/g mg/g (%) (mg/g) Analyte mg/g mg/g (%) 0.128 0.427 0.11 1.06 Camphene (Cam) 0.147 0.492 ND 0.073 0.244 0.70 6.99 b-Pinene (b-Pin) 0.413 1.377 0.33 0.11 0.366 ND ND a-Terpinene (a-Ter) 0.099 0.331 ND 0.055 0.182 ND ND Limonene (Lim) 0.081 0.268 3.00 0.104 0.347 ND ND b-Ocimene (b-Oci) 0.085 0.282 ND 0.19 0.634 ND ND g-Terpinene (g-Ter) 0.108 0.361 0.19 0.119 0.395 0.22 2.24 Linalool (Lin) 0.146 0.487 0.14 0.139 0.464 ND ND Geraniol (Gera) 0.177 0.589 ND 0.132 0.44 0.38 3.83 a-Humulene (Hum) 0.183 0.608 <t< td=""></t<></td>	mg/g mg/g (%) (mg/g) Analyte mg/g mg/g (%) 0.128 0.427 0.11 1.06 Camphene (Cam) 0.147 0.492 ND 0.073 0.244 0.70 6.99 b-Pinene (b-Pin) 0.413 1.377 0.33 0.11 0.366 ND ND a-Terpinene (a-Ter) 0.099 0.331 ND 0.055 0.182 ND ND Limonene (Lim) 0.081 0.268 3.00 0.104 0.347 ND ND b-Ocimene (b-Oci) 0.085 0.282 ND 0.19 0.634 ND ND g-Terpinene (g-Ter) 0.108 0.361 0.19 0.119 0.395 0.22 2.24 Linalool (Lin) 0.146 0.487 0.14 0.139 0.464 ND ND Geraniol (Gera) 0.177 0.589 ND 0.132 0.44 0.38 3.83 a-Humulene (Hum) 0.183 0.608 <t< td=""></t<>

Total Terpene Concentration

5.19 % 51.93 mg/g

ND Not Detected
N/A Not Applicable
NT Not Reported
LOD Limit of Detection
LOQ Limit of Quantification
<LOQ Detected
>ULOL Above upper limit of linearity
CFU/g Colony Forming Units per 1
gram
TNTC Too Numerous to Count









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Brandon Starr

Brandon Starr, Lab Manager Wed, 13 Apr 2022 19:43:36 -0700



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Sample Galaxy Treats Blast Bar 2g THC-O-Orbital Peach

Sample ID SD220216-017RT (46445) Matri			ix Concentrate (Inhalable Cannabis Good)		
Tested for A8 Industries					
Sampled -	Received Feb 24, 2022		Reported Apr 13, 2022		
Analyses executed	CAN20, TER, PES, HME				

CAN20 - Cannabinoids Analysis

Analyzed Feb 28,2022 | Instrument HLPC
Measurement Uncertainty at 95% confidence 7.806%

Analyte	LOD mg/g	LOQ mg/g	Result %	Result mg/g
Cannabidivarin (CBDV)	0.039	0.16	0.35	3.48
Cannabidiolic Acid (CBDA)	0.001	0.16	1.20	11.97
Cannabigerol Acid (CBGA)	0.001	0.16	ND	ND
Cannabigerol (CBG)	0.001	0.16	ND	ND
Cannabidiol (CBD)	0.001	0.16	ND	ND
Tetrahydrocannabivarin (THCV)	0.001	0.16	ND	ND
Cannabinol (CBN)	0.001	0.16	0.15	1.48
exo-THC (exo-THC)	0.016	0.8	NT	NT
Tetrahydrocannabinol (Δ9-THC)	0.003	0.16	ND	ND
Δ 8-tetrahydrocannabinol (Δ 8-THC)	0.004	0.16	70.45	704.47
(6aR,9S)-Δ10-Tetrahydrocannabinol ((6aR,9S)-Δ10)	0.015	0.16	ND	ND
Hexahydrocannabinol (S Isomer) (9s-HHC)	0.017	0.16	ND	ND
(6aR,9R)-Δ10-Tetrahydrocannabinol ((6aR,9R)-Δ10)	0.007	0.16	ND	ND
Hexahydrocannabinol (R Isomer) (9r-HHC)	0.016	0.16	ND	ND
Cannabichromene (CBC)	0.002	0.16	ND	ND
Tetrahydrocannabinolic Acid (THCA)	0.001	0.16	ND	ND
Δ 9-Tetrahydrocannabiphorol (Δ 9-THCP)	0.017	0.16	ND	ND
Δ 8-Tetrahydrocannabiphorol (Δ 8-THCP)	0.041	0.16	ND	ND
Δ 8-THC-O-acetate (Δ 8-THC-O)	0.076	0.16	1.55	15.54
Δ9-THC-O-acetate (Δ9-THC-O)	0.066	0.16	21.15	211.53
Total THC (THCa * 0.877 + THC)			6.69	66.86
Total CBD (CBDa * 0.877 + CBD)			1.05	10.50
Total CBG (CBGa * 0.877 + CBG)			ND	ND
Total HHC (9r-HHC + 9s-HHC)			ND	ND
TOTAL CANNABINOIDS			93.37	933.72

Sample photography



ND Not Detected
N/A Not Applicable
NT Not Reported
LOD Limit of Detection
LOQ Limit of Quantification
<LOQ Detected
>ULOL Above upper limit of linearity
CFU/g Colony Forming Units per 1
gram
TNTC Too Numerous to Count









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Brandon Starr

Brandon Starr, Lab Manager Wed, 13 Apr 2022 19:44:43 -0700



Analyzed Feb 28, 2022 | Instrument ICP/MSMS | Method SOP-005

Analyte	LOD ug/g	LOQ ug/g	Result ug/g	Limit ug/g	Analyte	LOD ug/g	LOQ ug/g	Result ug/g	Limit ug/g
Arsenic (As)	0.0002	0.05	<loq< td=""><td>0.2</td><td>Cadmium (Cd)</td><td>3.0e-05</td><td>0.05</td><td><loq< td=""><td>0.2</td></loq<></td></loq<>	0.2	Cadmium (Cd)	3.0e-05	0.05	<loq< td=""><td>0.2</td></loq<>	0.2
Mercury (Hg)	1.0e-05	0.01	ND	0.1	Lead (Pb)	1.0e-05	0.125	<loq< td=""><td>0.5</td></loq<>	0.5

ND Not Detected
N/A Not Applicable
NT Not Reported
LOD Limit of Detection
LOQ Limit of Quantification
<LOQ Detected
>ULOL Above upper limit of linearity
CFU/g Colony Forming Units per 1
gram
TNTC Too Numerous to Count









Scan the QR code to verify authenticity.

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Brandon Starr

Brandon Starr, Lab Manager Wed, 13 Apr 2022 19:44:43 -0700



Analyzed Feb 28, 2022 | Instrument LC/MSMS GC/MSMS | Method SOP-003

Analyte	LOD ug/g	LOQ ug/g	Result ug/g	Limit ug/g	Analyte	LOD ug/g	LOQ ug/g	Result ug/g	Limit ug/g
Aldicarb	0.0078	0.02	ND	0.0078	Carbofuran	0.01	0.02	ND	0.01
Dimethoate	0.01	0.02	ND	0.01	Etofenprox	0.02	0.1	ND	0.02
Fenoxycarb	0.01	0.02	ND	0.01	Thiachloprid	0.01	0.02	ND	0.01
Daminozide	0.01	0.03	ND	0.01	Dichlorvos	0.02	0.07	ND	0.02
Imazalil	0.02	0.07	ND	0.02	Methiocarb	0.01	0.02	ND	0.01
Spiroxamine	0.01	0.02	ND	0.01	Coumaphos	0.01	0.02	ND	0.01
Fipronil	0.01	0.1	ND	0.01	Paclobutrazol	0.01	0.03	ND	0.01
Chlorpyrifos	0.01	0.04	ND	0.01	Ethoprophos (Prophos)	0.01	0.02	ND	0.01
Baygon (Propoxur)	0.01	0.02	ND	0.01	Chlordane	0.04	0.1	ND	0.04
Chlorfenapyr	0.03	0.1	ND	0.03	Methyl Parathion	0.02	0.1	ND	0.02
Mevinphos	0.03	0.08	ND	0.03	Abamectin	0.03	0.08	ND	0.1
Acephate	0.02	0.05	ND	0.1	Acetamiprid	0.01	0.05	ND	0.1
Azoxystrobin	0.01	0.02	ND	0.1	Bifenazate	0.01	0.05	ND	0.1
Bifenthrin	0.02	0.35	ND	3	Boscalid	0.01	0.03	ND	0.1
Carbaryl	0.01	0.02	ND	0.5	Chlorantraniliprole	0.01	0.04	ND	10
Clofentezine	0.01	0.03	ND	0.1	Diazinon	0.01	0.02	ND	0.1
Dimethomorph	0.02	0.06	ND	2	Etoxazole	0.01	0.05	ND	0.1
Fenpyroximate	0.02	0.1	ND	0.1	Flonicamid	0.01	0.02	ND	0.1
Fludioxonil	0.01	0.05	ND	0.1	Hexythiazox	0.01	0.03	ND	0.1
Imidacloprid	0.01	0.05	ND	5	Kresoxim-methyl	0.01	0.03	ND	0.1
Malathion	0.01	0.05	ND	0.5	Metalaxyl	0.01	0.02	ND	2
Methomyl	0.02	0.05	ND	1	Myclobutanil	0.02	0.07	ND	0.1
Naled	0.01	0.02	ND	0.1	Oxamyl	0.01	0.02	ND	0.5
Permethrin	0.01	0.02	ND	0.5	Phosmet	0.01	0.02	ND	0.1
Piperonyl Butoxide	0.02	0.06	ND	3	Propiconazole	0.03	0.08	ND	0.1
Prallethrin	0.02	0.05	ND	0.1	Pyrethrin	0.05	0.41	ND	0.5
Pyridaben	0.02	0.07	ND	0.1	Spinosad A	0.01	0.05	ND	0.1
Spinosad D	0.01	0.05	ND	0.1	Spiromesifen	0.02	0.06	ND	0.1
Spirotetramat	0.01	0.02	ND	0.1	Tebuconazole	0.01	0.02	ND	0.1
Thiamethoxam	0.01	0.02	ND	5	Trifloxystrobin	0.01	0.02	ND	0.1
Acequinocyl	0.02	0.09	ND	0.1	Captan	0.01	0.02	ND	0.7
Cypermethrin	0.02	0.1	ND	1	Cyfluthrin	0.04	0.1	ND	2
Fenhexamid	0.02	0.07	ND	0.1	Spinetoram J,L	0.02	0.07	ND	0.1
Pentachloronitrobenzene	0.01	0.1	ND	0.1	· ·				

ND Not Detected
N/A Not Applicable
NT Not Reported
LOD Limit of Detection
LOQ Limit of Quantification
<LOQ Detected
>ULOL Above upper limit of linearity
CFU/g Colony Forming Units per 1
gram
TNTC Too Numerous to Count









Scan the QR code to verify authenticity.

Authorized Signature

Brandon Starr

Brandon Starr, Lab Manager Wed, 13 Apr 2022 19:44:43 -0700



Analyzed Apr 13, 2022 | Instrument GC/FID | Method SOP-002

Analyte	LOD mg/g	LOQ mg/g	(%)	(mg/g)	Analyte	LOD mg/g	LOQ mg/g	(%)	(mg/g)
a-Pinene (a-Pin)	0.128	0.427	0.66	6.64	Camphene (Cam)	0.147	0.492	ND	ND
Myrcene (Myr)	0.073	0.244	ND	ND	b-Pinene (b-Pin)	0.413	1.377	0.40	4.03
3-Carene (3-Car)	0.11	0.366	ND	ND	a-Terpinene (a-Ter)	0.099	0.331	ND	ND
a-Ocimene (a-Oci)	0.055	0.182	ND	ND	Limonene (Lim)	0.081	0.268	1.43	14.26
p-Cymene (p-Cym)	0.104	0.347	ND	ND	b-Ocimene (b-Oci)	0.085	0.282	ND	ND
Eucalyptol (Euc)	0.19	0.634	ND	ND	g-Terpinene (g-Ter)	0.108	0.361	ND	ND
Terpenolene (Terp)	0.119	0.395	ND	ND	Linalool (Lin)	0.146	0.487	ND	ND
Isopulegol (Isop)	0.139	0.464	ND	ND	Geraniol (Gera)	0.177	0.589	ND	ND
b-Caryophyllene (b-Cary)	0.132	0.44	0.11	1.10	a-Humulene (Hum)	0.183	0.608	ND	ND
cis-Nerolidol (ci-Ner)	0.129	0.431	ND	ND	trans-Nerolidol (tr-Ner)	0.093	0.31	ND	ND
Guaiol (Gua)	0.15	0.499	ND	ND	Caryophyllene Oxide (CarOx)	0.183	0.611	ND	ND
a-bisabolol (a-Bbis)	0.159	0.529	ND	ND					

Total Terpene Concentration

2.60 % 26.02 mg/g

ND Not Detected
N/A Not Applicable
NT Not Reported
LOD Limit of Detection
LOQ Limit of Quantification
<LOQ Detected
>ULOL Above upper limit of linearity
CFU/g Colony Forming Units per 1
gram
TNTC Too Numerous to Count









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Sample Galaxy Treats Blast Bar 2g THC-O-Pineapple Eclipse

Sample ID SD220216-016RT (46444) Mat		Matrix Cor	Matrix Concentrate (Inhalable Cannabis Good)		
Tested for A8 Indust	tries				
Sampled -	Received Feb 24, 2022		Reported Apr 13, 2022		
Analyses executed CAN20, TER, PES, HME					

CAN20 - Cannabinoids Analysis

Analyzed Feb 28,2022 | Instrument HLPC
Measurement Uncertainty at 95% confidence 7.806%

Analyte	LOD mg/g	LOQ mg/g	Result %	Result mg/g
Cannabidivarin (CBDV)	0.039	0.16	0.25	2.55
Cannabidiolic Acid (CBDA)	0.001	0.16	1.01	10.08
Cannabigerol Acid (CBGA)	0.001	0.16	ND	ND
Cannabigerol (CBG)	0.001	0.16	ND	ND
Cannabidiol (CBD)	0.001	0.16	ND	ND
Tetrahydrocannabivarin (THCV)	0.001	0.16	ND	ND
Cannabinol (CBN)	0.001	0.16	0.10	0.98
exo-THC (exo-THC)	0.016	0.8	NT	NT
Tetrahydrocannabinol (Δ9-THC)	0.003	0.16	ND	ND
$\Delta 8$ -tetrahydrocannabinol ($\Delta 8$ -THC)	0.004	0.16	69.16	691.55
(6aR,9S)-Δ10-Tetrahydrocannabinol ((6aR,9S)-Δ10)	0.015	0.16	ND	ND
Hexahydrocannabinol (S Isomer) (9s-HHC)	0.017	0.16	ND	ND
(6aR,9R)-Δ10-Tetrahydrocannabinol ((6aR,9R)-Δ10)	0.007	0.16	ND	ND
Hexahydrocannabinol (R Isomer) (9r-HHC)	0.016	0.16	ND	ND
Cannabichromene (CBC)	0.002	0.16	ND	ND
Tetrahydrocannabinolic Acid (THCA)	0.001	0.16	ND	ND
Δ 9-Tetrahydrocannabiphorol (Δ 9-THCP)	0.017	0.16	ND	ND
Δ 8-Tetrahydrocannabiphorol (Δ 8-THCP)	0.041	0.16	ND	ND
$\Delta 8$ -THC-O-acetate ($\Delta 8$ -THC-O)	0.076	0.16	1.56	15.61
Δ9-THC-O-acetate (Δ9-THC-O)	0.066	0.16	21.16	211.61
Total THC (THCa * 0.877 + THC)			5.66	56.60
Total CBD (CBDa * 0.877 + CBD)			0.88	8.84
Total CBG (CBGa * 0.877 + CBG)			ND	ND
Total HHC (9r-HHC + 9s-HHC)			ND	ND
TOTAL CANNABINOIDS			91.98	919.76

Sample photography



ND Not Detected
N/A Not Applicable
NT Not Reported
LOD Limit of Detection
LOQ Limit of Quantification
<LOQ Detected
>ULOL Above upper limit of linearity
CFU/g Colony Forming Units per 1
gram
TNTC Too Numerous to Count





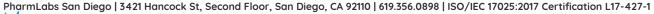




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Brandon Starr, Lab Manager Wed, 13 Apr 2022 19:44:32 -0700





Analyzed Feb 28, 2022 | Instrument ICP/MSMS | Method SOP-005

Analyte	LOD ug/g	LOQ ug/g	Result ug/g	Limit ug/g	Analyte	LOD ug/g	LOQ ug/g	Result ug/g	Limit ug/g
Arsenic (As)	0.0002	0.05	<loq< td=""><td>0.2</td><td>Cadmium (Cd)</td><td>3.0e-05</td><td>0.05</td><td><loq< td=""><td>0.2</td></loq<></td></loq<>	0.2	Cadmium (Cd)	3.0e-05	0.05	<loq< td=""><td>0.2</td></loq<>	0.2
Mercury (Hg)	1.0e-05	0.01	ND	0.1	Lead (Pb)	1.0e-05	0.125	<loq< td=""><td>0.5</td></loq<>	0.5

ND Not Detected
N/A Not Applicable
NT Not Reported
LOD Limit of Detection
LOQ Limit of Quantification
<LOQ Detected
>ULOL Above upper limit of linearity
CFU/g Colony Forming Units per 1
gram
TNTC Too Numerous to Count









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Brandon Starr

Brandon Starr, Lab Manager Wed, 13 Apr 2022 19:44:32 -0700



Analyzed Feb 28,2022 | Instrument LC/MSMS GC/MSMS | Method SOP-003

Analyte	LOD ug/g	LOQ ug/g	Result ug/g	Limit ug/g	Analyte	LOD ug/g	LOQ ug/g	Result ug/g	Limit ug/g
Aldicarb	0.0078	0.02	ND	0.0078	Carbofuran	0.01	0.02	ND	0.01
Dimethoate	0.01	0.02	ND	0.01	Etofenprox	0.02	0.1	ND	0.02
Fenoxycarb	0.01	0.02	ND	0.01	Thiachloprid	0.01	0.02	ND	0.01
Daminozide	0.01	0.03	ND	0.01	Dichlorvos	0.02	0.07	ND	0.02
Imazalil	0.02	0.07	ND	0.02	Methiocarb	0.01	0.02	ND	0.01
Spiroxamine	0.01	0.02	ND	0.01	Coumaphos	0.01	0.02	ND	0.01
Fipronil	0.01	0.1	ND	0.01	Paclobutrazol	0.01	0.03	ND	0.01
Chlorpyrifos	0.01	0.04	ND	0.01	Ethoprophos (Prophos)	0.01	0.02	ND	0.01
Baygon (Propoxur)	0.01	0.02	ND	0.01	Chlordane	0.04	0.1	ND	0.04
Chlorfenapyr	0.03	0.1	ND	0.03	Methyl Parathion	0.02	0.1	ND	0.02
Mevinphos	0.03	0.08	ND	0.03	Abamectin	0.03	0.08	ND	0.1
Acephate	0.02	0.05	ND	0.1	Acetamiprid	0.01	0.05	ND	0.1
Azoxystrobin	0.01	0.02	ND	0.1	Bifenazate	0.01	0.05	ND	0.1
Bifenthrin	0.02	0.35	ND	3	Boscalid	0.01	0.03	ND	0.1
Carbaryl	0.01	0.02	ND	0.5	Chlorantraniliprole	0.01	0.04	ND	10
Clofentezine	0.01	0.03	ND	0.1	Diazinon	0.01	0.02	ND	0.1
Dimethomorph	0.02	0.06	ND	2	Etoxazole	0.01	0.05	ND	0.1
Fenpyroximate	0.02	0.1	ND	0.1	Flonicamid	0.01	0.02	ND	0.1
Fludioxonil	0.01	0.05	ND	0.1	Hexythiazox	0.01	0.03	ND	0.1
Imidacloprid	0.01	0.05	ND	5	Kresoxim-methyl	0.01	0.03	ND	0.1
Malathion	0.01	0.05	ND	0.5	Metalaxyl	0.01	0.02	ND	2
Methomyl	0.02	0.05	ND	1	Myclobutanil	0.02	0.07	ND	0.1
Naled	0.01	0.02	ND	0.1	Oxamyl	0.01	0.02	ND	0.5
Permethrin	0.01	0.02	ND	0.5	Phosmet	0.01	0.02	ND	0.1
Piperonyl Butoxide	0.02	0.06	ND	3	Propiconazole	0.03	0.08	ND	0.1
Prallethrin	0.02	0.05	ND	0.1	Pyrethrin	0.05	0.41	ND	0.5
Pyridaben	0.02	0.07	ND	0.1	Spinosad A	0.01	0.05	ND	0.1
Spinosad D	0.01	0.05	ND	0.1	Spiromesifen	0.02	0.06	ND	0.1
Spirotetramat	0.01	0.02	ND	0.1	Tebuconazole	0.01	0.02	ND	0.1
Thiamethoxam	0.01	0.02	ND	5	Trifloxystrobin	0.01	0.02	ND	0.1
Acequinocyl	0.02	0.09	ND	0.1	Captan	0.01	0.02	ND	0.7
Cypermethrin	0.02	0.1	ND	1	Cyfluthrin	0.04	0.1	ND	2
Fenhexamid	0.02	0.07	ND	0.1	Spinetoram J,L	0.02	0.07	ND	0.1
Pentachloronitrobenzene	0.01	0.1	ND	0.1	· · · · · · · · · · · · · · · · · · ·				

ND Not Detected
N/A Not Applicable
NT Not Reported
LOD Limit of Detection
LOQ Limit of Quantification
<LOQ Detected
>ULOL Above upper limit of linearity
CFU/g Colony Forming Units per 1
gram
TNTC Too Numerous to Count









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Brandon Starr

Brandon Starr, Lab Manager Wed, 13 Apr 2022 19:44:32 -0700



Analyzed Apr 13, 2022 | Instrument GC/FID | Method SOP-002

LOD mg/g	LOQ mg/g	(%)	(mg/g)	Analyte	LOD mg/g	LOQ mg/g	(%)	(mg/g)
0.128	0.427	0.23	2.28	Camphene (Cam)	0.147	0.492	ND	ND
0.073	0.244	0.25	2.46	b-Pinene (b-Pin)	0.413	1.377	0.28	2.83
0.11	0.366	ND	ND	a-Terpinene (a-Ter)	0.099	0.331	ND	ND
0.055	0.182	ND	ND	Limonene (Lim)	0.081	0.268	1.37	13.68
0.104	0.347	ND	ND	b-Ocimene (b-Oci)	0.085	0.282	ND	ND
0.19	0.634	ND	ND	g-Terpinene (g-Ter)	0.108	0.361	ND	ND
0.119	0.395	0.13	1.34	Linalool (Lin)	0.146	0.487	0.54	5.44
0.139	0.464	ND	ND	Geraniol (Gera)	0.177	0.589	ND	ND
0.132	0.44	ND	ND	a-Humulene (Hum)	0.183	0.608	ND	ND
0.129	0.431	0.83	8.29	trans-Nerolidol (tr-Ner)	0.093	0.31	ND	ND
0.15	0.499	ND	ND	Caryophyllene Oxide (CarOx)	0.183	0.611	ND	ND
0.159	0.529	ND	ND					
	mg/g 0.128 0.073 0.11 0.055 0.104 0.19 0.119 0.139 0.132 0.129 0.15	mg/g mg/g 0.128 0.427 0.073 0.244 0.11 0.366 0.055 0.182 0.104 0.347 0.19 0.634 0.119 0.395 0.139 0.464 0.132 0.44 0.129 0.431 0.15 0.499	mg/g mg/g (%) 0.128 0.427 0.23 0.073 0.244 0.25 0.11 0.366 ND 0.055 0.182 ND 0.104 0.347 ND 0.19 0.634 ND 0.119 0.395 0.13 0.139 0.464 ND 0.132 0.44 ND 0.129 0.431 0.83 0.15 0.499 ND	mg/g mg/g (%) (IIIg/g) 0.128 0.427 0.23 2.28 0.073 0.244 0.25 2.46 0.11 0.366 ND ND 0.055 0.182 ND ND 0.104 0.347 ND ND 0.19 0.634 ND ND 0.119 0.395 0.13 1.34 0.139 0.464 ND ND 0.132 0.44 ND ND 0.129 0.431 0.83 8.29 0.15 0.499 ND ND	mg/g mg/g (%) (mg/g) Analyte 0.128 0.427 0.23 2.28 Camphene (Cam) 0.073 0.244 0.25 2.46 b-Pinene (b-Pin) 0.11 0.366 ND ND a-Terpinene (a-Ter) 0.055 0.182 ND ND Limonene (Lim) 0.104 0.347 ND ND b-Ocimene (b-Oci) 0.19 0.634 ND ND g-Terpinene (g-Ter) 0.119 0.395 0.13 1.34 Linalool (Lin) 0.139 0.464 ND ND Geraniol (Gera) 0.132 0.44 ND ND a-Humulene (Hum) 0.129 0.431 0.83 8.29 trans-Nerolidol (tr-Ner) 0.15 0.499 ND ND Caryophyllene Oxide (CarOx)	mg/g mg/g (%) (IIIIg/g) Analyte mg/g 0.128 0.427 0.23 2.28 Camphene (Cam) 0.147 0.073 0.244 0.25 2.46 b-Pinene (b-Pin) 0.413 0.11 0.366 ND ND a-Terpinene (a-Ter) 0.099 0.055 0.182 ND ND Limonene (Lim) 0.081 0.104 0.347 ND ND b-Ocimene (b-Oci) 0.085 0.19 0.634 ND ND g-Terpinene (g-Ter) 0.108 0.119 0.395 0.13 1.34 Linalool (Lin) 0.146 0.139 0.464 ND ND Geraniol (Gera) 0.177 0.132 0.44 ND ND a-Humulene (Hum) 0.183 0.129 0.431 0.83 8.29 trans-Nerolidol (tr-Ner) 0.093 0.15 0.499 ND ND Caryophyllene Oxide (CarOx) 0.183	mg/g mg/g (%) (HIG/9) Analyte mg/g mg/g mg/g 0.128 0.427 0.23 2.28 Camphene (Cam) 0.147 0.492 0.073 0.244 0.25 2.46 b-Pinene (b-Pin) 0.413 1.377 0.11 0.366 ND ND a-Terpinene (a-Ter) 0.099 0.331 0.055 0.182 ND ND Limonene (Lim) 0.081 0.268 0.104 0.347 ND ND b-Ocimene (b-Oci) 0.085 0.282 0.19 0.634 ND ND g-Terpinene (g-Ter) 0.108 0.361 0.119 0.395 0.13 1.34 Linalool (Lin) 0.146 0.487 0.139 0.464 ND ND Geraniol (Gera) 0.177 0.589 0.132 0.44 ND ND a-Humulene (Hum) 0.183 0.608 0.129 0.431 0.83 8.29 trans-Nerolidol (tr-Ner) 0.093	mg/g mg/g (%) (Ing/g) Analyte mg/g mg/g mg/g (%) 0.128 0.427 0.23 2.28 Camphene (Cam) 0.147 0.492 ND 0.073 0.244 0.25 2.46 b-Pinene (b-Pin) 0.413 1.377 0.28 0.11 0.366 ND ND a-Terpinene (a-Ter) 0.099 0.331 ND 0.055 0.182 ND ND Limonene (Lim) 0.081 0.268 1.37 0.104 0.347 ND ND b-Ocimene (b-Oci) 0.085 0.282 ND 0.19 0.634 ND ND g-Terpinene (g-Ter) 0.108 0.361 ND 0.119 0.395 0.13 1.34 Linalool (Lin) 0.146 0.487 0.54 0.139 0.464 ND ND Geraniol (Gera) 0.177 0.589 ND 0.132 0.44 ND ND a-Humulene (Hum) 0.183 0.60

Total Terpene Concentration

3.63 % 36.31 mg/g

ND Not Detected
N/A Not Applicable
NT Not Reported
LOD Limit of Detection
LOQ Limit of Quantification
<LOQ Detected
>ULOL Above upper limit of linearity
CFU/g Colony Forming Units per 1
gram
TNTC Too Numerous to Count









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Sample Galaxy Treats Blast Bar 2g THC-O-Gravity Melon

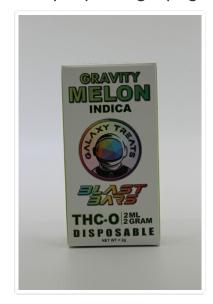
Sample ID SD220216	-018RT (46446)	Matrix Concentrate (Inhalable Cannabis Good)					
Tested for A8 Indust	ries						
Sampled -	Received Feb 24, 2022	Reported Apr 13, 2022					
Analyses executed CAN20, TER, PES, HME							

CAN20 - Cannabinoids Analysis

Analyzed Feb 28, 2022 | Instrument HLPC
Measurement Uncertainty at 95% confidence 7.806%

Measurement Uncertainty at 95% confidence 7.806%				
Analyte	LOD mg/g	LOQ mg/g	Result %	Result mg/g
Cannabidivarin (CBDV)	0.039	0.16	0.28	2.79
Cannabidiolic Acid (CBDA)	0.001	0.16	1.20	11.98
Cannabigerol Acid (CBGA)	0.001	0.16	ND	ND
Cannabigerol (CBG)	0.001	0.16	ND	ND
Cannabidiol (CBD)	0.001	0.16	ND	ND
Tetrahydrocannabivarin (THCV)	0.001	0.16	ND	ND
Cannabinol (CBN)	0.001	0.16	0.13	1.31
exo-THC (exo-THC)	0.016	0.8	NT	NT
Tetrahydrocannabinol (Δ9-THC)	0.003	0.16	ND	ND
$\Delta 8$ -tetrahydrocannabinol ($\Delta 8$ -THC)	0.004	0.16	70.30	703.00
(6aR,9S)- Δ 10-Tetrahydrocannabinol ((6aR,9S)- Δ 10)	0.015	0.16	ND	ND
Hexahydrocannabinol (S Isomer) (9s-HHC)	0.017	0.16	ND	ND
(6aR,9R)- Δ 10-Tetrahydrocannabinol ((6aR,9R)- Δ 10)	0.007	0.16	ND	ND
Hexahydrocannabinol (R Isomer) (9r-HHC)	0.016	0.16	ND	ND
Cannabichromene (CBC)	0.002	0.16	ND	ND
Tetrahydrocannabinolic Acid (THCA)	0.001	0.16	ND	ND
Δ 9-Tetrahydrocannabiphorol (Δ 9-THCP)	0.017	0.16	ND	ND
Δ 8-Tetrahydrocannabiphorol (Δ 8-THCP)	0.041	0.16	ND	ND
Δ 8-THC-O-acetate (Δ 8-THC-O)	0.076	0.16	1.54	15.40
Δ9-THC-O-acetate (Δ9-THC-O)	0.066	0.16	20.30	203.00
Total THC (THCa * 0.877 + THC)			6.98	69.82
Total CBD (CBDa * 0.877 + CBD)			1.05	10.50
Total CBG (CBGa * 0.877 + CBG)			ND	ND
Total HHC (9r-HHC + 9s-HHC)			ND	ND
TOTAL CANNABINOIDS			92.27	922.72

Sample photography



ND Not Detected
N/A Not Applicable
NT Not Reported
LOD Limit of Detection
LOQ Limit of Quantification
<LOQ Detected
>ULOL Above upper limit of linearity
CFU/g Colony Forming Units per 1
gram
TNTC Too Numerous to Count









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Brandon Starr, Lab Manager Wed, 13 Apr 2022 19:44:23 -0700



Analyzed Feb 28, 2022 | Instrument ICP/MSMS | Method SOP-005

Analyte	LOD ug/g	LOQ ug/g	Result ug/g	Limit ug/g	Analyte	LOD ug/g	LOQ ug/g	Result ug/g	Limit ug/g
Arsenic (As)	0.0002	0.05	<loq< td=""><td>0.2</td><td>Cadmium (Cd)</td><td>3.0e-05</td><td>0.05</td><td><loq< td=""><td>0.2</td></loq<></td></loq<>	0.2	Cadmium (Cd)	3.0e-05	0.05	<loq< td=""><td>0.2</td></loq<>	0.2
Mercury (Hg)	1.0e-05	0.01	ND	0.1	Lead (Pb)	1.0e-05	0.125	<loq< td=""><td>0.5</td></loq<>	0.5

ND Not Detected
N/A Not Applicable
NT Not Reported
LOD Limit of Detection
LOQ Limit of Quantification
<LOQ Detected
>ULOL Above upper limit of linearity
CFU/g Colony Forming Units per 1
gram
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Brandon Starr, Lab Manager Wed, 13 Apr 2022 19:44:23 -0700



Analyzed Feb 28, 2022 | Instrument LC/MSMS GC/MSMS | Method SOP-003

Analyte	LOD ug/g	LOQ ug/g	Result ug/g	Limit ug/g	Analyte	LOD ug/g	LOQ ug/g	Result ug/g	Limit ug/g
Aldicarb	0.0078	0.02	ND	0.0078	Carbofuran	0.01	0.02	ND	0.01
Dimethoate	0.01	0.02	ND	0.01	Etofenprox	0.02	0.1	ND	0.02
Fenoxycarb	0.01	0.02	ND	0.01	Thiachloprid	0.01	0.02	ND	0.01
Daminozide	0.01	0.03	ND	0.01	Dichlorvos	0.02	0.07	ND	0.02
Imazalil	0.02	0.07	ND	0.02	Methiocarb	0.01	0.02	ND	0.01
Spiroxamine	0.01	0.02	ND	0.01	Coumaphos	0.01	0.02	ND	0.01
Fipronil	0.01	0.1	ND	0.01	Paclobutrazol	0.01	0.03	ND	0.01
Chlorpyrifos	0.01	0.04	ND	0.01	Ethoprophos (Prophos)	0.01	0.02	ND	0.01
Baygon (Propoxur)	0.01	0.02	ND	0.01	Chlordane	0.04	0.1	ND	0.04
Chlorfenapyr	0.03	0.1	ND	0.03	Methyl Parathion	0.02	0.1	ND	0.02
Mevinphos	0.03	0.08	ND	0.03	Abamectin	0.03	0.08	ND	0.1
Acephate	0.02	0.05	ND	0.1	Acetamiprid	0.01	0.05	ND	0.1
Azoxystrobin	0.01	0.02	ND	0.1	Bifenazate	0.01	0.05	ND	0.1
Bifenthrin	0.02	0.35	ND	3	Boscalid	0.01	0.03	ND	0.1
Carbaryl	0.01	0.02	ND	0.5	Chlorantraniliprole	0.01	0.04	ND	10
Clofentezine	0.01	0.03	ND	0.1	Diazinon	0.01	0.02	ND	0.1
Dimethomorph	0.02	0.06	ND	2	Etoxazole	0.01	0.05	ND	0.1
Fenpyroximate	0.02	0.1	ND	0.1	Flonicamid	0.01	0.02	ND	0.1
Fludioxonil	0.01	0.05	ND	0.1	Hexythiazox	0.01	0.03	ND	0.1
Imidacloprid	0.01	0.05	ND	5	Kresoxim-methyl	0.01	0.03	ND	0.1
Malathion	0.01	0.05	ND	0.5	Metalaxyl	0.01	0.02	ND	2
Methomyl	0.02	0.05	ND	1	Myclobutanil	0.02	0.07	ND	0.1
Naled	0.01	0.02	ND	0.1	Oxamyl	0.01	0.02	ND	0.5
Permethrin	0.01	0.02	ND	0.5	Phosmet	0.01	0.02	ND	0.1
Piperonyl Butoxide	0.02	0.06	ND	3	Propiconazole	0.03	0.08	ND	0.1
Prallethrin	0.02	0.05	ND	0.1	Pyrethrin	0.05	0.41	ND	0.5
Pyridaben	0.02	0.07	ND	0.1	Spinosad A	0.01	0.05	ND	0.1
Spinosad D	0.01	0.05	ND	0.1	Spiromesifen	0.02	0.06	ND	0.1
Spirotetramat	0.01	0.02	ND	0.1	Tebuconazole	0.01	0.02	ND	0.1
Thiamethoxam	0.01	0.02	ND	5	Trifloxystrobin	0.01	0.02	ND	0.1
Acequinocyl	0.02	0.09	ND	0.1	Captan	0.01	0.02	ND	0.7
Cypermethrin	0.02	0.1	ND	1	Cyfluthrin	0.04	0.1	ND	2
Fenhexamid	0.02	0.07	ND	0.1	Spinetoram J,L	0.02	0.07	ND	0.1
Pentachloronitrobenzene	0.01	0.1	ND	0.1					

ND Not Detected
N/A Not Applicable
NT Not Reported
LOD Limit of Detection
LOQ Limit of Quantification
<LOQ Detected
>ULOL Above upper limit of linearity
CFU/g Colony Forming Units per 1
gram
TNTC Too Numerous to Count









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Authorized Signature

Brandon Starr

Brandon Starr, Lab Manager Wed, 13 Apr 2022 19:44:23 -0700



Analyzed Apr 13, 2022 | Instrument GC/FID | Method SOP-002

LOD mg/g	LOQ mg/g	(%)	(mg/g)	Analyte	LOD mg/g	LOQ mg/g	(%)	(mg/g)
0.128	0.427	0.19	1.86	Camphene (Cam)	0.147	0.492	ND	ND
0.073	0.244	0.25	2.53	b-Pinene (b-Pin)	0.413	1.377	0.35	3.47
0.11	0.366	ND	ND	a-Terpinene (a-Ter)	0.099	0.331	ND	ND
0.055	0.182	ND	ND	Limonene (Lim)	0.081	0.268	0.46	4.62
0.104	0.347	ND	ND	b-Ocimene (b-Oci)	0.085	0.282	ND	ND
0.19	0.634	ND	ND	g-Terpinene (g-Ter)	0.108	0.361	ND	ND
0.119	0.395	ND	ND	Linalool (Lin)	0.146	0.487	0.74	7.43
0.139	0.464	ND	ND	Geraniol (Gera)	0.177	0.589	ND	ND
0.132	0.44	0.56	5.56	a-Humulene (Hum)	0.183	0.608	ND	ND
0.129	0.431	ND	ND	trans-Nerolidol (tr-Ner)	0.093	0.31	ND	ND
0.15	0.499	ND	ND	Caryophyllene Oxide (CarOx)	0.183	0.611	ND	ND
0.159	0.529	ND	ND					
	mg/g 0.128 0.073 0.11 0.055 0.104 0.19 0.119 0.139 0.132 0.129 0.15	mg/g mg/g 0.128 0.427 0.073 0.244 0.11 0.366 0.055 0.182 0.104 0.347 0.19 0.634 0.119 0.395 0.139 0.464 0.132 0.44 0.129 0.431 0.15 0.499	mg/g mg/g (%) 0.128 0.427 0.19 0.073 0.244 0.25 0.11 0.366 ND 0.055 0.182 ND 0.104 0.347 ND 0.19 0.634 ND 0.119 0.395 ND 0.139 0.464 ND 0.132 0.44 0.56 0.129 0.431 ND 0.15 0.499 ND	mg/g mg/g (%) (mg/g) 0.128 0.427 0.19 1.86 0.073 0.244 0.25 2.53 0.11 0.366 ND ND 0.055 0.182 ND ND 0.104 0.347 ND ND 0.19 0.634 ND ND 0.119 0.395 ND ND 0.139 0.464 ND ND 0.132 0.44 0.56 5.56 0.129 0.431 ND ND 0.15 0.499 ND ND	mg/g mg/g (%) (mg/g) Analyte 0.128 0.427 0.19 1.86 Camphene (Cam) 0.073 0.244 0.25 2.53 b-Pinene (b-Pin) 0.11 0.366 ND ND a-Terpinene (a-Ter) 0.055 0.182 ND ND Limonene (Lim) 0.104 0.347 ND ND b-Ocimene (b-Oci) 0.19 0.634 ND ND g-Terpinene (g-Ter) 0.119 0.395 ND ND Linalool (Lin) 0.139 0.464 ND ND Geraniol (Gera) 0.132 0.44 0.56 5.56 a-Humulene (Hum) 0.129 0.431 ND ND Caryophyllene Oxide (CarOx)	mg/g mg/g (%) (mg/g) Analyte mg/g 0.128 0.427 0.19 1.86 Camphene (Cam) 0.147 0.073 0.244 0.25 2.53 b-Pinene (b-Pin) 0.413 0.11 0.366 ND ND a-Terpinene (a-Ter) 0.099 0.055 0.182 ND ND Limonene (Lim) 0.081 0.104 0.347 ND ND b-Ocimene (b-Oci) 0.085 0.19 0.634 ND ND g-Terpinene (g-Ter) 0.108 0.119 0.395 ND ND Linalool (Lin) 0.146 0.139 0.464 ND ND Geraniol (Gera) 0.177 0.132 0.44 0.56 5.56 a-Humulene (Hum) 0.183 0.129 0.431 ND ND trans-Nerolidol (tr-Ner) 0.093 0.15 0.499 ND ND Caryophyllene Oxide (CarOx) 0.183	mg/g mg/g (%) (mg/g) Analyte mg/g mg/g mg/g 0.128 0.427 0.19 1.86 Camphene (Cam) 0.147 0.492 0.073 0.244 0.25 2.53 b-Pinene (b-Pin) 0.413 1.377 0.11 0.366 ND ND a-Terpinene (a-Ter) 0.099 0.331 0.055 0.182 ND ND Limonene (Lim) 0.081 0.268 0.104 0.347 ND ND b-Ocimene (b-Oci) 0.085 0.282 0.19 0.634 ND ND g-Terpinene (g-Ter) 0.108 0.361 0.119 0.395 ND ND Linalool (Lin) 0.146 0.487 0.139 0.464 ND ND Geraniol (Gera) 0.177 0.589 0.132 0.44 0.56 5.56 a-Humulene (Hum) 0.183 0.608 0.129 0.431 ND ND trans-Nerolidol (tr-Ner) 0.093 <td< td=""><td>mg/g mg/g (%) (mg/g) Analyte mg/g mg/g (%) 0.128 0.427 0.19 1.86 Camphene (Cam) 0.147 0.492 ND 0.073 0.244 0.25 2.53 b-Pinene (b-Pin) 0.413 1.377 0.35 0.11 0.366 ND ND a-Terpinene (a-Ter) 0.099 0.331 ND 0.055 0.182 ND ND Limonene (Lim) 0.081 0.268 0.46 0.104 0.347 ND ND b-Ocimene (b-Oci) 0.085 0.282 ND 0.19 0.634 ND ND g-Terpinene (g-Ter) 0.108 0.361 ND 0.119 0.395 ND ND Linalool (Lin) 0.146 0.487 0.74 0.139 0.464 ND ND Geraniol (Gera) 0.177 0.589 ND 0.132 0.44 0.56 5.56 a-Humulene (Hum) 0.183 0.608 ND<!--</td--></td></td<>	mg/g mg/g (%) (mg/g) Analyte mg/g mg/g (%) 0.128 0.427 0.19 1.86 Camphene (Cam) 0.147 0.492 ND 0.073 0.244 0.25 2.53 b-Pinene (b-Pin) 0.413 1.377 0.35 0.11 0.366 ND ND a-Terpinene (a-Ter) 0.099 0.331 ND 0.055 0.182 ND ND Limonene (Lim) 0.081 0.268 0.46 0.104 0.347 ND ND b-Ocimene (b-Oci) 0.085 0.282 ND 0.19 0.634 ND ND g-Terpinene (g-Ter) 0.108 0.361 ND 0.119 0.395 ND ND Linalool (Lin) 0.146 0.487 0.74 0.139 0.464 ND ND Geraniol (Gera) 0.177 0.589 ND 0.132 0.44 0.56 5.56 a-Humulene (Hum) 0.183 0.608 ND </td

Total Terpene Concentration

2.55 % 25.47 mg/g

ND Not Detected
N/A Not Applicable
NT Not Reported
LOD Limit of Detection
LOQ Limit of Quantification
<LOQ Detected
>ULOL Above upper limit of linearity
CFU/g Colony Forming Units per 1
gram
TNTC Too Numerous to Count









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Authorized Signature

Brandon Starr

Brandon Starr, Lab Manager Wed, 13 Apr 2022 19:44:23 -0700

