DEA #: RP0607436 | ISO/IEC 17025:2017 Certificate #: 6400.01



Sample Reefer's Bay- Vape Blend Cartridge - William Cyclops

Sample ID:	BBL_4579	Matrix:	Distillate	Analyses Executed:	CAN
Company:	Reefers Bay	Batch ID:	05JUL2023-RBWICY	Reported:	11 Sep, 2023
Phone:		Received:	20 Jul, 2023	Note:	Amended Report
Address:	8500 E 116th Street 443 Fish	ners, IN 46038	- C		
Email:	support@reefersbay.com		88		

ab Notes: Results reported for sample as received. Amended report for Residual Solvents to include retest data for toluene

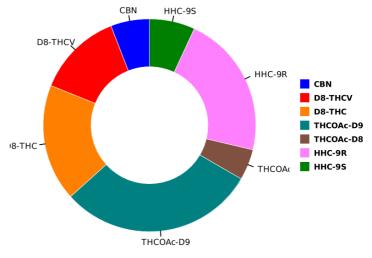
Cannabinoid Profile Analysis

Analyzed 31 Jul, 2023 | Instrument HPLC-PDA | Method TM-101 Uncertainty Measurement at 95% confidence level is 10%, k=2

		4		
Analyte	LOD (ppm)	LOQ (ppm)	Result %	Result (mg/g)
Cannabidivarinic acid (CBDVa)	0.030	0.080	ND	ND
Cannabidivarin (CBDV)	0.050	0.150	ND	ND
Cannabidiolic acid (CBDa)	0.040	0.110	ND	ND
Cannabidiol (CBD)	0.060	0.190	ND	ND
Cannabigerolic acid (CBGa)	0.040	0.120	ND	ND
Cannabigerol (CBG)	0.080	0.230	ND	ND
Cannabinolic acid (CBNa)	0.080	0.250	ND	ND
Cannabinol (CBN)	0.040	0.120	6.8752	68.752
Cannabichromenic acid (CBCa)	0.350	1.060	ND	ND
Cannabichromene (CBC)	0.090	0.280	ND	ND
Cannabicyclol (CBL)	0.210	0.640	ND	ND
D9-Tetrahydrocannabinolic acid (THCa)	0.130	0.400	ND	ND
D9-Tetrahydrocannabinol (D9-THC)	0.120	0.360	ND	ND
Tetrahydrocannabivarinic acid (THCVa)	0.050	0.160	ND	ND
Tetrahydrocannabivarin (THCV)	0.080	0.240	ND	ND
D8-Tetrahydrocannabivarin (D8-THCV)	0.200	0.600	15	150
D8-Tetrahydrocannabinol (D8-THC)	0.140	0.430	20.6628	206.628
Exo-Tetrahydrocannabinol (exo-THC)	0.120	0.360	ND	ND
THCO-Acetate D9 (THCOAc-D9)	0.250	0.750	34.6024	346.024
THCO-Acetate D8 (THCOAc-D8)	0.220	0.670	5.445	54.45
Hexahydrocannabinol-9R (HHC-9R)	0.150	0.450	25.2764	252.764
Hexahydrocannabinol-9S (HHC-9S)	0.230	0.680	7.9856	79.856
Delta4(8)-iso-THC (D8-iso-THC)			ND	ND
Total THC (THCa * 0.877 + THC)			ND	ND
Total CBD (CBDa * 0.877 + CBD)			ND	ND
Total CBG (CBGa * 0.877 + CBG)			ND	ND
Total Cannabinoids			115.847	1158.474

Sample Photography





NR Not Reportable
ND Not Detected
N/A Not Applicable
NT Not Tested
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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Dr. Archana R. Parameswar,
Laboratory Director
11 Sep. 2023 11:15:50 AM

Bluebonnet Labs Certificate of Analysis

2567 Valley View Ln, Dallas, TX 75234, United States | TX Registration #: TL2020031

DEA #: RP0607436 | ISO/IEC 17025:2017 Certificate #: 6400.01



HME - Heavy Metals Detection Analysis

Analyzed 01 Aug, 2023 | Instrument ICP-MS | Method TM-105 Analysis Comment: Result '0' implies detection less than LOQ.

Analyte	LOD (ppb)	LOQ (ppb)	Result ug/g	Flag	Limit ug/g
Arsenic (As)	0.005	0.015	0		
Cadmium (Cd)	0.005	0.016	ND		
Mercury (Hg)	0.004	0.013	0		
Lead (Pb)	0.075	0.224	0		

MIB - Microbial Testing Analysis

Analyzed 26 Jul, 2023 | Instrument PCR/ Plating | Method TM-109

Analyte	Limit (CFU/g)	Result CFU/g	Flag
Salmonella SPP		NEG	
Total Yeast & Mold		<10	
Aspergillus fumigatus		NEG	
Aspergillus flavus		NEG	
Aspergillus niger		NEG	
Aspergillus terreus		NEG	
Shiga toxin-producing Escherichia Coli		NEG	

MTO - Mycotoxin Testing Analysis

Analyzed 26 Jul, 2023 | Instrument LCMS-MS | Method TM-104

Analyte	LOD (ppb)	LOQ (ppb)	Result ug/kg (ppb)	Flag	Limit ug/kg
Mycotoxin B1	0.000	0.010	N D		
Mycotoxin B2	0.010	0.030	N D		
Mycotoxin G1	0.010	0.020	N D		
Mycotoxin G2	0.010	0.040	N D		
Ochratoxin A	0.020	0.060	N D		
Total Mycotoxins			N D		

PES - Pesticides Screening Analysis

Analyzed 26 Jul, 2023 | Instrument LCMS-MS | Method TM-103

NR Not Reportable
ND Not Detected
N/A Not Applicable
NT Not Tested
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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Abenincial 0.110	Analytes	LOD (ppb)	LOQ (ppb)	Result ug/g	Flag	Limit ug/g
Mescanization 0.200 0.700 N. D						
Acceptancyol 0.110 0.2821 N D Accidentacyol 0.020 0.055 N D Addistach 0.020 0.055 N D Acceptancyol 0.020 0.080 N D Blemotin 0.020 0.098 N D Carbaryi 0.010 0.000 N D Calloylur 0.010 0.000 N D Calloylur 0.010 0.020 N D Challeyfer 0.020 0.020 N D Challeyfer 0.020 0.020 N D						
According of Addition						
Address or Autory at each						
Assorption (no. 000) 0.000 N.D. Clonicate 0.010 0.000 N.D. Streamter 0.000 0.000 N.D. Streamter 0.000 0.000 N.D. Carbord 0.010 0.040 N.D. Carborduran 0.010 0.020 N.D. Childregardina 0.020 1.120 N.D. Demindade 0.550 1.550 N.D. Demindade 0.550 1.550 N.D. Demindade 0.500 0.110 N.D. Dimendade 0.010 0.020 N.D. Elizaberia 0.010 0.020 N.D. Elizaberia 0.010 0.020						
Personal 0.000						
Biterathin						
December						
Carbony I 0.010 0.040 N D Carboturan 0.010 0.020 N D Chizony International Control 0.010 0.020 N D Chisanterisalizoria 0.010 0.030 N D Chienterine 0.010 0.040 N D Optimizario 0.020 N D D Optimizario 0.370 1.130 N D Deministration 0.350 1.860 N D Deministration 0.350 1.860 N D Deministration 0.050 0.140 N D Deministration 0.050 0.140 N D Deministration 0.010 0.020 N D Ellisoppolica 0.020 0.030 N D Ellisoppolica 0.020 0.060 N D Ellisoppolica 0.010 0.020 N D Ellisoppolica 0.010 0.040 N D Faranciami 0.010 0.040 N D Fusionaria <th< td=""><td></td><td></td><td></td><td></td><td></td><td></td></th<>						
Carboyaran 0.010 0.020 N D Calesyrife's 0.010 0.030 N D Calesyrife's 0.010 0.040 N D Calesyrife's 0.040 0.120 N D Calesyrife's 0.040 0.120 N D Calesyrife's 0.050 N D						
Collographice 0.010 0.080 N D Collogramming Co	Carbofuran					
Chicarentensiliprole 0.010 0.030 N D						
Cicionizarine 0.010 0.040 N.D. Coursaphos 0.040 0.120 N.D. Cyplathrin 2.320 7.820 N.D. Cyplathrin 0.370 1.130 N.D. Daminozide 0.550 1.650 N.D. Dimendrate 0.050 0.140 N.D. Dimendrate 0.010 0.930 N.D. Ethopophos 0.020 0.050 N.D. Ethopophos 0.020 0.050 N.D. Edergone 0.010 0.020 N.D. Edergone 0.010 0.040 N.D. Ferbreavand 0.040 0.140 N.D. Ferbreavand 0.020 0.060	Chlorantraniliprole					
Cyluminin 2.320 7.020 N D Cypermethin 0.370 1.130 N D Deminacide 0.550 1.650 N D Dimendade 0.050 0.140 N D Dimendade 0.010 0.020 N D Efficiencyclos 0.020 0.650 N D Efficiencyclos 0.020 0.600 N D Eforecacle 0.010 0.040 N D Eforecacle 0.010 0.040 N D Fernoyscarb 0.020 0.060 N D Fernoyscarb 0.020 0.060 N D Fernoyscarb 0.010 0.040 N D Full Cadard 0.020 0.050 N D Medicadoprid 0.040 0.020	Clofentezine			N D		
Cypermethrin 0.370 1.130 N D Daminozide 0.550 1.650 N D Dinebnos 0.050 0.140 N D Dimethorate 0.010 0.020 N D Dimethorate 0.010 0.030 N D Elbergoribes 0.020 0.050 N D Elotrario 0.010 0.040 N D Ferbraxid 0.040 0.140 N D Ferbraxid 0.040 0.140 N D Ferbraycoxatae 0.010 0.040 N D Fipronil 0.010 0.040 N D Fludical 0.010 0.040 N D Fludical 0.010 0.040 N D Hudicaligned 0.010 0.050 N D Heavyllazae 0.010 0.020 N D Heavyllazae 0.010 0.020 N D Mafarbion 0.010 0.020 N D Methocardo 0.00 0.020 N D	Coumaphos	0.040	0.120	N D		
Cypermethrin 0.370 1.130 N D Daminozide 0.550 1.650 N D Dinehonos 0.050 0.140 N D Dinehonorph 0.010 0.020 N D Elfleprophos 0.020 0.050 N D Elfleprophos 0.010 0.020 N D Eloterprox 0.010 0.020 N D Ferbexació 0.010 0.040 N D Ferbroyach 0.020 0.060 N D Ferbroyach 0.010 0.040 N D Ferbroyach 0.010 0.040 N D Ferbroyach 0.010 0.040 N D Fipronii 0.010 0.040 N D Fipronii 0.010 0.040 N D Hudicaldorid 0.010 0.050 N D Hesyritaise 0.010 0.020 N D Matanion 0.010 0.020 N D Methiocarb 0.010 0.020 N D	Cyfluthrin	2.320	7.020	N D		
Dictionage 0.550 0.140 N D Dimentonor 0.010 0.020 N D Dimentonor 0.010 0.030 N D Elboragoria 0.020 0.050 N D Elovazole 0.010 0.020 N D Elorentor 0.010 0.040 N D Fernbexardi 0.020 0.050 N D Fernbexardi 0.020 0.050 N D Fernoyazib 0.020 0.050 N D Fernoyazib 0.010 0.040 N D Filludioxini 0.010 0.040 N D Filludioxini 0.010 0.040 N D Heavythiazox 0.010 0.050 N D Heavythiazox 0.010 0.020 N D Metalaxyl 0.020 0.050 N D Metalaxyl 0.010 0.020 N D Methodrification 0.020 0.050 N D Methodry 0.020 0.050	Cypermethrin	0.370	1.130	N D		
Dimethosate 0.010 0.020 N D Dimethonorph 0.010 0.030 N D Elthoprobas 0.020 0.050 N D Eltoxazole 0.010 0.020 N D Elotanprox 0.010 0.040 N D Fenboxamid 0.040 0.140 N D Fenoyarb 0.020 0.060 N D Figronil 0.010 0.040 N D Figronil 0.010 0.040 N D Figronil 0.010 0.040 N D Figronil 0.020 0.050 N D Figronil 0.020 0.050 N D Heloxylliazox 0.010 0.030 N D Heloxylliazox 0.010 0.020 N D Malathion 0.010 0.030 N D Malathion 0.010 0.030 N D Methiocarb 0.010 0.030 N D Methiocarb 0.010 0.030 N D </td <td>Daminozide</td> <td>0.550</td> <td>1.650</td> <td>N D</td> <td></td> <td></td>	Daminozide	0.550	1.650	N D		
Dimethomorph 0.010 0.030 N D Elboprophos 0.020 0.050 N D Eloxazolo 0.010 0.020 N D Eferberprox 0.010 0.040 N D Fernbexamid 0.040 0.140 N D Fernovarb 0.020 0.050 N D Fernovinate 0.010 0.040 N D Fluriosimid 0.010 0.040 N D Fluriosimid 0.020 0.050 N D Fluriosimide 0.010 0.030 N D Fluriosimide 0.010 0.020 N D Imidacioprid 0.040 0.170 N D Kessorim-methyl 0.020 0.050 N D Malathion 0.010 0.020 N D Methocarb 0.010 0.020 N D Methocyl 0.020 N D Methocyl 0.020 N D Methocyl 0.020 N D Methocyl 0.020	Dichlorvos	0.050	0.140	N D		
Ethoprophos 0.020 0.050 N D Elosazole 0.010 0.020 N D Eloferprox 0.010 0.040 N D Fenhexamid 0.040 0.140 N D Fenosycarb 0.020 0.060 N D Fergyroximate 0.010 0.040 N D Flipronil 0.010 0.040 N D Fludiosinil 0.020 0.050 N D Housemale 0.010 0.030 N D Housemale 0.010 0.030 N D Housemale 0.010 0.030 N D Housemale 0.010 0.020 N D Housemale 0.040 0.110 N D Kreeoxim-methyl 0.020 0.050 N D Metalairon 0.010 0.020 N D Methocarb 0.010 0.030 N D Methocarb 0.010 0.030 N D Methocarb 0.020 0.050 N D	Dimethoate	0.010	0.020	N D		
Elosazole 0.010 0.020 N D Elofenprox 0.010 0.040 N D Fenhosamid 0.040 0.140 N D Fenosycarb 0.020 0.060 N D Fenorycarinate 0.010 0.040 N D Filyromil 0.010 0.040 N D Fluricamide 0.010 0.050 N D Humazaili 0.060 0.170 N D Hesynthiazor 0.010 0.020 N D Kresoxim-methyl 0.020 0.050 N D Metalasyl 0.010 0.030 N D Methicoarb 0.010 0.030 N D Methiocarb 0.010 0.030 N D Methonyl 0.020 0.050 N D Methonyl 0.000 0.000 N D	Dimethomorph	0.010	0.030	N D		
Etofenprox 0.010 0.040 N D Fenbexamid 0.040 0.140 N D Fenoxycarb 0.020 0.060 N D Ferpyroximate 0.010 0.040 N D Flurionil 0.010 0.040 N D Fluricamide 0.010 0.030 N D Hesythiazox 0.010 0.020 N D Hesythiazox 0.010 0.020 N D Kresoxim-methyl 0.020 0.050 N D Malathion 0.010 0.030 N D Methocarb 0.010 0.030 N D Methomyl 0.020 0.050 N D Methoryl 0.060 N D D	Ethoprophos	0.020	0.050	N D		
Fenhexamid 0.040 0.140 N D Fenoxycarb 0.020 0.060 N D Fenoxycarbate 0.010 0.040 N D Figronil 0.010 0.040 N D Fludioxinil 0.020 0.050 N D Fludioxinide 0.010 0.030 N D Hexythiazox 0.010 0.020 N D Hexythiazox 0.010 0.020 N D Kresoxim-methyl 0.020 0.050 N D Malathion 0.010 0.030 N D Methiocarb 0.010 0.030 N D Methiocarb 0.010 0.030 N D Methonyl 0.020 0.050 N D	Etoxazole	0.010	0.020	N D		
Fenoxycarb 0.020 0.060 N D Fenyyroximate 0.010 0.040 N D Fipronil 0.010 0.040 N D Fludioxinil 0.020 0.050 N D Imazaili 0.060 0.170 N D Hexyfhiazox 0.010 0.020 N D Imidacloprid 0.040 0.110 N D Kresoxim-methyl 0.020 0.050 N D Metalaxyl 0.010 0.030 N D Metalaxyl 0.010 0.030 N D Methomyl 0.020 0.050 N D Methomyl 0.020 0.050 N D Mevinphos 0.060 0.180 N D Myclobutanil 1.190 3.610 N D Naled 0.030 0.080 N D Pactobutrazole 0.020 0.060 N D Oxamyl 0.020 0.050 N D Posmethin 0.080 0.260 N D <	Etofenprox	0.010	0.040	N D		
Fengroximate 0.010 0.040 N D Figornil 0.010 0.040 N D Fludioxinil 0.020 0.050 N D Flunicamide 0.010 0.030 N D Hexythiazox 0.010 0.020 N D Hexythiazox 0.010 0.020 N D Kresoxim-methyl 0.020 0.050 N D Malathion 0.010 0.030 N D Metalaxyl 0.010 0.020 N D Methiocarb 0.010 0.030 N D Metrimyl 0.020 0.050 N D Malathion 0.050 0.050 N D	Fenhexamid	0.040	0.140	N D		
Figoroil 0.010 0.040 N D Fludioxinil 0.020 0.050 N D Flunicamide 0.010 0.030 N D Imazalil 0.060 0.170 N D Hexythiazox 0.010 0.020 N D Imidacloprid 0.040 0.110 N D Kresoxim-methyl 0.020 0.050 N D Melathion 0.010 0.030 N D Methiocarb 0.010 0.030 N D Methocythos 0.060 0.180 N D Mevinphos 0.060 0.180 N D Myclobutanil 1.190 3.610 N D Naled 0.030 N D Paclobutrazole 0.020 0.060 N D Oxamyl 0.020 0.050 N D Permethrin 0.080 0.260 N D Phosmet 0.010 0.040 N D	Fenoxycarb	0.020	0.060	N D		
Fludioxinil 0.020 0.050 N D Flunicamide 0.010 0.030 N D Imazalil 0.060 0.170 N D Hexythiazox 0.010 0.020 N D Imidacloprid 0.040 0.110 N D Kresoxim-methyl 0.020 0.050 N D Malathion 0.010 0.030 N D Methiocarb 0.010 0.020 N D Methomyl 0.020 0.050 N D Mevinphos 0.060 0.180 N D Myclobutanil 1.190 3.610 N D Naled 0.030 0.060 N D Paclobutrazole 0.020 0.060 N D Oxamyl 0.020 0.050 N D Permethrin 0.080 0.260 N D Phosmet 0.010 0.040 N D	Fenpyroximate	0.010	0.040	N D		
Funicamide 0.010 0.030 N D D D D D D D D D	Fipronil	0.010	0.040	N D		
Imazalli 0.060 0.170 N D Hexythiazox 0.010 0.020 N D Imidacloprid 0.040 0.110 N D Kresoxim-methyl 0.020 0.050 N D Malathion 0.010 0.030 N D Metalaxyl 0.010 0.020 N D Methiocarb 0.010 0.030 N D Methomyl 0.020 0.050 N D Mevinphos 0.060 0.180 N D Myclobutanil 1.190 3.610 N D Naled 0.030 0.080 N D Paclobutrazole 0.020 0.060 N D Oxamyl 0.020 0.050 N D Permethrin 0.080 0.260 N D Phosmet 0.010 0.030 N D Piperonyl butoxide 0.010 0.040 N D	Fludioxinil	0.020	0.050	N D		
Hexythiazox 0.010 0.020 N D Imidacloprid 0.040 0.110 N D Kresoxim-methyl 0.020 0.050 N D Malathion 0.010 0.030 N D Metalaxyl 0.010 0.020 N D Methiocarb 0.010 0.030 N D Methomyl 0.020 0.050 N D Mevinphos 0.060 0.180 N D Myclobutanil 1.190 3.610 N D Naled 0.030 0.080 N D Paclobutrazole 0.020 0.060 N D Oxamyl 0.020 0.050 N D Permethrin 0.080 0.260 N D Phosmet 0.010 0.030 N D Piperonyl butoxide 0.010 0.040 N D	Flunicamide	0.010	0.030	N D		
Imidacloprid 0.040 0.110 N D Kresoxim-methyl 0.020 0.050 N D Malathion 0.010 0.030 N D Metalaxyl 0.010 0.020 N D Methiocarb 0.010 0.030 N D Methomyl 0.020 0.050 N D Mevinphos 0.060 0.180 N D Myclobutanil 1.190 3.610 N D Naled 0.030 0.080 N D Paclobutrazole 0.020 0.060 N D Oxamyl 0.020 0.050 N D Permethrin 0.080 0.260 N D Phosmet 0.010 0.030 N D Piperonyl butoxide 0.010 0.040 N D	Imazalil	0.060	0.170	N D		
Kresoxim-methyl 0.020 0.050 N D Malathion 0.010 0.030 N D Metalaxyl 0.010 0.020 N D Methiocarb 0.010 0.030 N D Methomyl 0.020 0.050 N D Mevinphos 0.060 0.180 N D Myclobutanil 1.190 3.610 N D Naled 0.030 0.080 N D Paclobutrazole 0.020 0.060 N D Oxamyl 0.020 0.050 N D Permethrin 0.080 0.260 N D Phosmet 0.010 0.030 N D Piperonyl butoxide 0.010 0.040 N D	Hexythiazox	0.010	0.020	N D		
Malathion 0.010 0.030 N D Metalaxyl 0.010 0.020 N D Methiocarb 0.010 0.030 N D Methomyl 0.020 0.050 N D Mevinphos 0.060 0.180 N D Myclobutanil 1.190 3.610 N D Naled 0.030 0.080 N D Paciobutrazole 0.020 0.060 N D Oxamyl 0.020 0.050 N D Permethrin 0.080 0.260 N D Phosmet 0.010 0.030 N D Piperonyl butoxide 0.010 0.040 N D	Imidacloprid	0.040	0.110	N D		
Metalaxyl 0.010 0.020 N D Methiccarb 0.010 0.030 N D Methomyl 0.020 0.050 N D Mevinphos 0.060 0.180 N D Myclobutanil 1.190 3.610 N D Naled 0.030 0.080 N D Paclobutrazole 0.020 0.060 N D Oxamyl 0.020 0.050 N D Permethrin 0.080 0.260 N D Phosmet 0.010 0.030 N D Piperonyl butoxide 0.010 0.040 N D	Kresoxim-methyl	0.020	0.050	N D		
Methiocarb 0.010 0.030 N D Methomyl 0.020 0.050 N D Mevinphos 0.060 0.180 N D Myclobutanil 1.190 3.610 N D Naled 0.030 0.080 N D Paclobutrazole 0.020 0.060 N D Oxamyl 0.020 0.050 N D Permethrin 0.080 0.260 N D Phosmet 0.010 0.030 N D Piperonyl butoxide 0.010 0.040 N D	Malathion	0.010	0.030	N D		
Methomyl 0.020 0.050 N D Mevinphos 0.060 0.180 N D Myclobutanil 1.190 3.610 N D Naled 0.030 0.080 N D Paclobutrazole 0.020 0.060 N D Oxamyl 0.020 0.050 N D Permethrin 0.080 0.260 N D Phosmet 0.010 0.030 N D Piperonyl butoxide 0.010 0.040 N D	Metalaxyl	0.010	0.020	N D		
Mevinphos 0.060 0.180 N D Myclobutanil 1.190 3.610 N D Naled 0.030 0.080 N D Paclobutrazole 0.020 0.060 N D Oxamyl 0.020 0.050 N D Permethrin 0.080 0.260 N D Phosmet 0.010 0.030 N D Piperonyl butoxide 0.010 0.040 N D	Methiocarb	0.010	0.030	N D		
Myclobutanil 1.190 3.610 N D Naled 0.030 0.080 N D Paclobutrazole 0.020 0.060 N D Oxamyl 0.020 0.050 N D Permethrin 0.080 0.260 N D Phosmet 0.010 0.030 N D Piperonyl butoxide 0.010 0.040 N D	Methomyl	0.020	0.050	N D		
Naled 0.030 0.080 N D Paclobutrazole 0.020 0.060 N D Oxamyl 0.020 0.050 N D Permethrin 0.080 0.260 N D Phosmet 0.010 0.030 N D Piperonyl butoxide 0.010 0.040 N D	Mevinphos	0.060	0.180	N D		
Paclobutrazole 0.020 0.060 N D Oxamyl 0.020 0.050 N D Permethrin 0.080 0.260 N D Phosmet 0.010 0.030 N D Piperonyl butoxide 0.010 0.040 N D	Myclobutanil	1.190	3.610	N D		
Oxamyl 0.020 0.050 N D Permethrin 0.080 0.260 N D Phosmet 0.010 0.030 N D Piperonyl butoxide 0.010 0.040 N D	Naled	0.030	0.080	N D		
Permethrin 0.080 0.260 N D Phosmet 0.010 0.030 N D Piperonyl butoxide 0.010 0.040 N D	Paclobutrazole	0.020	0.060	N D		
Phosmet 0.010 0.030 N D Piperonyl butoxide 0.010 0.040 N D	Oxamyl	0.020	0.050	N D		
Piperonyl butoxide 0.010 0.040 N D	Permethrin	0.080	0.260	N D		
	Phosmet	0.010	0.030	N D		
Prallethrin 0.100 0.300 N D	Piperonyl butoxide	0.010	0.040	N D		
	Prallethrin	0.100	0.300	N D		

NR Not Reportable
ND Not Detected
N/A Not Applicable
NT Not Tested
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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Frchana

Dr. Archana R. Parameswar, Laboratory Director 11 Sep, 2023 11:15:59 AM

Authorized Signature

Bluebonnet Labs Certificate of Analysis

2567 Valley View Ln, Dallas, TX 75234, United States | TX Registration #: TL2020031

DEA #: RP0607436 | ISO/IEC 17025:2017 Certificate #: 6400.01



LOD (ppb)	LOQ (ppb)	Result ug/g	Flag	Limit ug/g
0.070	0.220	N D		
0.010	0.030	N D		
0.020	0.060	N D		
0.010	0.020	N D		
0.230	0.690	N D		
0.010	0.020	N D		
0.000	0.010	N D		
0.050	0.140	N D		
0.010	0.030	N D		
0.010	0.030	N D		
0.010	0.030	N D		
0.010	0.030	N D		
0.050	0.140	N D		
0.010	0.040	N D		
0.010	0.040	N D		
0.740	2.250	N D		
0.010	0.030	N D		
0.830	2.530	N D		
0.060	0.170	N D		
	0.070 0.010 0.020 0.010 0.230 0.010 0.000 0.050 0.010 0.010 0.010 0.010 0.010 0.050 0.010 0.050 0.010 0.050 0.010 0.050 0.010 0.050 0.010 0.010 0.010 0.010 0.010 0.010 0.010	0.070 0.220 0.010 0.030 0.020 0.060 0.010 0.020 0.230 0.690 0.010 0.020 0.000 0.010 0.050 0.140 0.010 0.030 0.010 0.030 0.010 0.030 0.050 0.140 0.050 0.140 0.010 0.040 0.740 2.250 0.010 0.030 0.830 2.530	0.070 0.220 N D 0.010 0.030 N D 0.020 0.060 N D 0.010 0.020 N D 0.230 0.690 N D 0.010 0.020 N D 0.000 0.010 N D 0.050 0.140 N D 0.010 0.030 N D 0.010 0.030 N D 0.010 0.030 N D 0.010 0.030 N D 0.050 0.140 N D 0.010 0.040 N D 0.010 0.040 N D 0.740 2.250 N D 0.010 0.030 N D 0.030 N D N D	0.070 0.220 N D 0.010 0.030 N D 0.020 0.060 N D 0.010 0.020 N D 0.230 0.690 N D 0.010 0.020 N D 0.000 0.010 N D 0.050 0.140 N D 0.010 0.030 N D 0.010 0.030 N D 0.010 0.030 N D 0.050 0.140 N D 0.050 0.140 N D 0.010 0.040 N D 0.010 0.040 N D 0.740 2.250 N D 0.830 2.530 N D

NR Not Reportable
ND Not Detected
N/A Not Applicable
NT Not Tested
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

Authorized Signature

Archama

Dr. Archana R. Parameswar, Laboratory Director 11 Sep, 2023 11:15:59 AM

Bluebonnet Labs Certificate of Analysis

2567 Valley View Ln, Dallas, TX 75234, United States | TX Registration #: TL2020031

DEA #: RP0607436 | ISO/IEC 17025:2017 Certificate #: 6400.01



RES - Residual Solvent Analysis

Analyzed 26 Jul, 2023 | Instrument HS-GC/MS | Method TM-106

Analyte	LOD (ppm)	LOQ (ppm)	Result (ppm)	Flag	Limit ug/g
Propane	0.470	1.410	N D		
Butane	0.200	0.610	N D		
Methanol	0.070	0.230	N D		
Pentane	0.130	0.410	N D		
Ethanol	0.130	0.380	N D		
Ethyl ether	0.020	0.070	N D		
Acetone	0.060	0.180	N D		
Isopropyl alcohol	0.030	0.090	N D		
Acetonitrile	0.020	0.060	N D		
Methylene chloride	0.010	0.020	N D		
Hexane	0.030	0.080	N D		
Ethyl acetate	0.030	0.080	N D		
Chloroform	0.010	0.030	N D		
Benzene	0.010	0.030	N D		
1 2-Dichloroethane	0.010	0.030	N D		
Heptane	0.020	0.060	N D		
Trichloroethene	0.010	0.030	N D		
Toluene	0.010	0.020	N D		
Isobutane	3.900	11.820	N D		
Ethyl benzene	1.700	5.160	N D		
m p-Xylenes	0.010	0.030	N D		
o-Xylene	0.010	0.020	N D		

NR Not Reportable
ND Not Detected
N/A Not Applicable
NT Not Tested
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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verify authenticity.

Authorized Signature

Archan a

Dr. Archana R. Parameswar,

Dr. Archana R. Parameswar, Laboratory Director 11 Sep, 2023 11:15:59 AM

Bluebonnet Labs Certificate of Analysis

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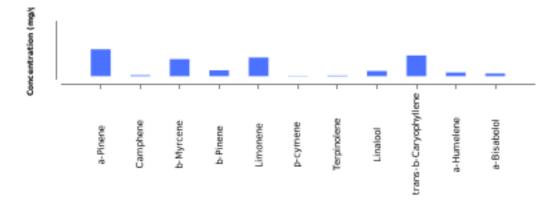
DEA #: RP0607436 | ISO/IEC 17025:2017 Certificate #: 6400.01



TER- Terpenes Analysis

Analyzed 26 Jul, 2023 | Instrument HS-GC/MS | Method TM-102

Analyte	LOD (ppm)	LOQ (ppm)	Result %	Result mg/g
a-Pinene	0.840	2.540	0.518	5.18
Camphene	0.940	2.850	0.017	0.17
b-Myrcene	1.080	3.260	0.327	3.27
b-Pinene	1.110	3.380	0.112	1.12
3-Carene	0.460	1.400	N D	N D
a-Terpinene	1.180	3.570	N D	N D
a-ocimene	0.240	0.710	N D	N D
Limonene	0.730	2.210	0.358	3.58
p-cymene	0.680	2.070	0.006	0.06
cis-b-Ocimene	0.680	2.050	N D	N D
Eucalyptol	1.500	4.530	N D	N D
y-Terpinene	0.570	1.720	N D	N D
Terpinolene	0.970	2.950	0.011	0.11
Linalool	1.830	5.550	0.098	0.98
Isopulegol	1.650	4.990	N D	N D
Geraniol	0.780	2.370	N D	N D
trans-b-Caryophyllene	0.910	2.760	0.397	3.97
a-Humelene	0.960	2.920	0.07	0.7
cis-Nerolidol	0.510	1.540	N D	N D
trans-Nerolidol	1.110	3.360	N D	N D
Guaiol	2.800	8.490	N D	N D
Caryophyllene Oxide	0.970	2.950	N D	N D
a-Bisabolol	2.500	7.560	0.05	0.5
Total Terpene Concentration			1.964	19.7



NR Not Reportable
ND Not Detected
N/A Not Applicable
NT Not Tested
LOD Limit of Detection
LOQ Limit of Quantification
<LOQ Detected
>ULOL Above upper limit of linearity
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Archana

Archana

R. Bergmesurer

T. T. Archana

R. Archana

R. Bergmesurer

T. Archana

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