



### Sample Reefer's Bay - Delta 8 Vape Cartridge - Mellow Runtz - 1 ml

<b>Sample ID:</b>	BBL_4566	<b>Matrix:</b>	Distillate	<b>Analyses Executed:</b>	CAN
<b>Company:</b>	Reefers Bay	<b>Batch ID:</b>	03JUL2023-MR	<b>Reported:</b>	01 Aug, 2023
<b>Phone:</b>		<b>Received:</b>	20 Jul, 2023		
<b>Address:</b>	8500 E 116th Street 443 Fishers, IN 46038				
<b>Email:</b>	support@reefersbay.com				

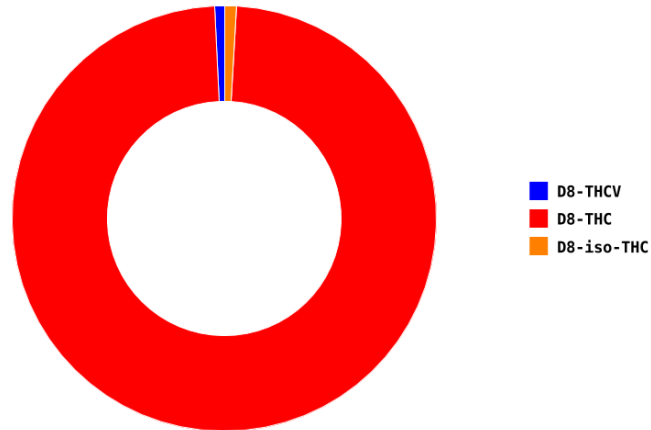
Lab Notes: Results reported for sample as received. THCP, HHCP, HHCO, D8-iso-THC, D8-THCV and D10-THC are not A2LA accredited.

### Cannabinoid Profile Analysis

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

Analyte	LOD (ppm)	LOQ (ppm)	Result %	Result (mg/g)
Cannabidiol (CBD)	0.030	0.080	ND	ND
Cannabidiol acid (CBDa)	0.050	0.150	ND	ND
Cannabidiolic acid (CBDa)	0.040	0.110	ND	ND
Cannabigerol (CBG)	0.060	0.190	ND	ND
Cannabigerol acid (CBGa)	0.040	0.120	ND	ND
Cannabigeronic acid (CBNa)	0.080	0.230	ND	ND
Cannabinol (CBN)	0.080	0.250	ND	ND
Cannabinol (CBN)	0.040	0.120	<LoQ	<LoQ
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
Tetrahydrocannabinolic acid (THCVa)	0.050	0.160	ND	ND
Tetrahydrocannabinol (THC)	0.080	0.240	ND	ND
D8-Tetrahydrocannabinol (D8-THC)	0.200	0.600	0.7056	7.056
D8-Tetrahydrocannabinol (D8-THC)	0.140	0.430	98.4133	984.133
Exo-Tetrahydrocannabinol (exo-THC)	0.120	0.360	ND	ND
Delta4(8)-iso-THC (D8-iso-THC)			0.9053	9.053
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			100.024	1000.242

### 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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 Laboratory Director  
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## HME - Heavy Metals Detection

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	ND		

## 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  
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**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



Bluebonnet Labs

Analytes	LOD (ppb)	LOQ (ppb)	Result ug/g	Flag	Limit ug/g
Abamectin	0.110	0.330	N D		
Acephate	0.230	0.700	N D		
Acequinocyl	0.110	0.320	N D		
Acetamiprid	0.020	0.050	N D		
Aldicarb	0.020	0.050	N D		
Azoxystrobin	0.020	0.060	N D		
Bifenazate	0.010	0.030	N D		
Bifenthrin	0.020	0.060	N D		
Boscalid	0.060	0.170	N D		
Carbaryl	0.010	0.040	N D		
Carbofuran	0.010	0.020	N D		
Chlorantraniliprole	0.010	0.030	N D		
Clofentezine	0.010	0.040	N D		
Chlorpyrifos	0.010	0.030	N D		
Coumaphos	0.040	0.120	N D		
Cyfluthrin	2.320	7.020	N D		
Cypermethrin	0.370	1.130	N D		
Daminozide	0.550	1.650	N D		
Dichlorvos	0.050	0.140	N D		
Dimethoate	0.010	0.020	N D		
Dimethomorph	0.010	0.030	N D		
Ethoprophos	0.020	0.050	N D		
Etofenprox	0.010	0.040	N D		
Fenhexamid	0.040	0.140	N D		
Etoxazole	0.010	0.020	N D		
Fenoxycarb	0.020	0.060	N D		
Fenpyroximate	0.010	0.040	N D		
Fipronil	0.010	0.040	N D		
Fludioxinil	0.020	0.050	N D		
Flonicamide	0.010	0.030	N D		
Hexythiazox	0.010	0.020	N D		
Imidacloprid	0.040	0.110	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		
Oxamyl	0.020	0.050	N D		
Permethrin	0.080	0.260	N D		
Paclobutrazole	0.020	0.060	N D		
Phosmet	0.010	0.030	N D		
Piperonyl butoxide	0.010	0.040	N D		
Prallethrin	0.100	0.300	N D		

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Analytes	LOD (ppb)	LOQ (ppb)	Result ug/g	Flag	Limit ug/g
Propiconazole	0.070	0.220	N D		
Propoxur	0.010	0.030	N D		
Pyrethrin-I	0.020	0.060	N D		
Pyridaben	0.010	0.020	N D		
Spinetoram	0.230	0.690	N D		
Spinosyn A	0.010	0.020	N D		
Spinosyn D	0.000	0.010	N D		
Spiromesifen	0.050	0.140	N D		
Spirotetramat	0.010	0.030	N D		
Spiroxamine	0.010	0.030	N D		
Tebuconazole	0.010	0.030	N D		
Thiachloprid	0.010	0.030	N D		
Thiamethoxam	0.010	0.040	N D		
Diazinon	0.010	0.040	N D		
Methyl parathion	0.050	0.140	N D		
Trifloxystrobin	0.010	0.030	N D		
Chlorfenapyr	0.830	2.530	N D		
Chlordane	0.740	2.250	N D		
Pentachloronitrobenzene	0.060	0.170	N D		

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**>ULOL** Above upper limit of linearity  
**CFU/g** Colony Forming Units per 1 gram  
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## 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		

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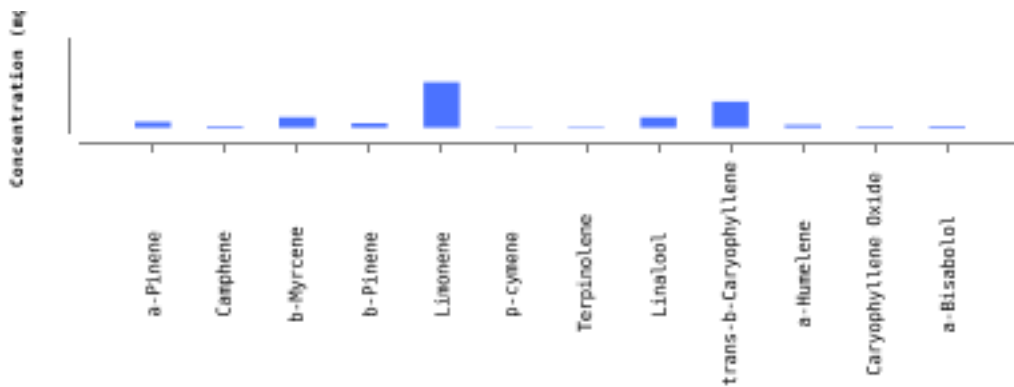
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## TER- Terpenes Analysis

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	0.069	0.69
Camphene	0.940	2.850	0.02	0.2
b-Myrcene	1.080	3.260	0.127	1.27
b-Pinene	1.110	3.380	0.056	0.56
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	0.558	5.58
p-cymene	0.680	2.070	0.01	0.1
cis-b-Ocimene	0.680	2.050	N D	N D
Eucalyptol	1.500	4.530	N D	N D
γ-Terpinene	0.570	1.720	N D	N D
Terpinolene	0.970	2.950	0.014	0.14
Linalool	1.830	5.550	0.127	1.27
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	0.322	3.22
α-Humulene	0.960	2.920	0.036	0.36
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	0.018	0.18
α-Bisabolol	2.500	7.560	0.023	0.23
<b>Total Terpene Concentration</b>			<b>1.38</b>	<b>13.9</b>



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