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721 Cortaro Dr.
Sun City Center, FL 33573
www.acslabcannabis.com

DEA No. RA0571996
FL License # CMTL-0003
CLIA No. 10D1094068

Reefer's Bay Delta 8 Vape Mellow Runtz
Sample Matrix: CBD/HEMP Derivative Products (Inhalation - Heated)

Certificate of Analysis

Compliance Test

REEFER'S BAY
275 MEDICAL DR 4783
CARMEL, IN 46038

Batch # 05OCT2022-MR
Batch Date: 2022-10-05
Extracted From: Hemp

Sampling Method: MSP 7.3.1
Test Reg State: Florida

Order # REE221114-110001
Order Date: 2022-11-14
Sample # AADS605

Sampling Date: 2022-11-19
Lab Batch Date: 2022-11-19
Completion Date: 2022-11-28

Initial Gross Weight: 12.080 g

Product Image

Potency Tested | Terpenes Tested | Heavy Metals Passed | Mycotoxins Passed | Pesticides Passed
Residual Solvents Passed | Pathogenic Microbiology Passed | Listeria Monocytogenes Passed

Delta 8/Delta 10 Potency 13 - (LCUV)

Tested
SOP13.052 (LCUV)

Specimen Weight: 58.930 mg

Analyte	LOD (%)	LOQ (%)	Result (mg/g)	(%)
Delta-8 THC	2.60E-5	0.0015	827.670	82.767
CBC	1.80E-5	0.0015	<LOQ	<LOQ
CBD	5.40E-5	0.0015	<LOQ	<LOQ
CBDA	1.00E-5	0.0015	<LOQ	<LOQ
CBDV	6.50E-5	0.0015	<LOQ	<LOQ
CBG	2.48E-4	0.0015	<LOQ	<LOQ
CBGA	8.00E-5	0.0015	<LOQ	<LOQ
CBN	1.40E-5	0.0015	<LOQ	<LOQ
Delta-10 THC	3.00E-6	0.0015	<LOQ	<LOQ
Delta-9 THC	1.30E-5	0.1	<LOQ	<LOQ
Delta6a10a-THC	8.47E-5	0.0015	<LOQ	<LOQ
THCA-A	3.20E-5	0.0015	<LOQ	<LOQ
THCV	7.00E-6	0.0015	<LOQ	<LOQ

Potency Summary

Total Delta 8 82.767% <LOQmg	**Total Delta 10** - None Detected
Total Active THC - None Detected	**Total Active CBD** - None Detected
Total CBG - None Detected	**Total CBN** - None Detected
Other Cannabinoids - None Detected	**Total Cannabinoids** 82.767% <LOQmg

Terpenes Summary

Analyte	Result (mg/g)	(%)
(R)-(+)-Limonene	7.251	0.725%
beta-Myrcene	3.821	0.382%
trans-Caryophyllene	3.425	0.343%
Linalool	1.673	0.167%
beta-Pinene	0.907	0.091%

Total Terpenes: 1.708%

Detailed Terpenes Analysis is on the following page

Xueli Gao, Ph.D., DABT — Lab Toxicologist
Aixia Sun, D.H.Sc., M.Sc., B.Sc., MT (AAB) — Lab Director/Principal Scientist

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Lab Batch Date: 2022-11-19
Completion Date: 2022-11-28

Initial Gross Weight: 12.080 g

Pesticides FL V4

Passed
SOP13.007 (LCMS/GCMS)

Specimen Weight: 269.010 mg

Dilution Factor: 5.580

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Abamectin	2.8800E-1	28.23	300	<LOQ	Fludioxonil	1.7400E+0	48	3000	<LOQ
Acephate	2.3000E-2	30	3000	<LOQ	Hexythiazox	4.9000E-2	30	2000	<LOQ
Acequinocyl	9.5640E+0	48	2000	<LOQ	Imazalil	2.4800E-1	30	100	<LOQ
Acetamiprid	5.2000E-2	30	3000	<LOQ	Imidacloprid	9.4000E-2	30	3000	<LOQ
Aldicarb	2.6000E-2	30	100	<LOQ	Kresoxim Methyl	4.2000E-2	30	1000	<LOQ
Azoxystrobin	8.1000E-2	10	3000	<LOQ	Malathion	8.2000E-2	30	2000	<LOQ
Bifenazate	1.4150E+0	30	3000	<LOQ	Metalaxyl	8.1000E-2	10	3000	<LOQ
Bifenthrin	4.3000E-2	30	500	<LOQ	Methiocarb	3.2000E-2	30	100	<LOQ
Boscalid	5.5000E-2	10	3000	<LOQ	Methomyl	2.2000E-2	30	100	<LOQ
Captan	6.1200E+0	30	3000	<LOQ	methyl-Parathion	1.7100E+0	10	100	<LOQ
Carbaryl	2.2000E-2	10	500	<LOQ	Mevinphos	2.1500E+0	10	100	<LOQ
Carbofuran	3.4000E-2	10	100	<LOQ	Myclobutanil	1.0290E+0	30	3000	<LOQ
Chlorantraniliprole	3.3000E-2	10	3000	<LOQ	Naled	9.5000E-2	30	500	<LOQ
Chlordane	1.0000E+1	10	100	<LOQ	Oxamyl	2.5000E-2	30	500	<LOQ
Chlorfenapyr	3.4000E-2	30	100	<LOQ	Paclobutrazol	6.5000E-2	30	100	<LOQ
Chlormequat Chloride	1.0800E-1	10	3000	<LOQ	Pentachloronitrobenzene	1.3200E+0	10	200	<LOQ
Chlorpyrifos	3.5000E-2	30	100	<LOQ	Permethrin	3.4300E-1	30	1000	<LOQ
Clofentezine	1.1900E-1	30	500	<LOQ	Phosmet	8.2000E-2	30	200	<LOQ
Coumaphos	3.7700E+0	48	100	<LOQ	Piperonylbutoxide	2.9000E-2	30	3000	<LOQ
Cyfluthrin	3.1100E+0	30	1000	<LOQ	Prallethrin	7.9800E-1	30	400	<LOQ
Cypermethrin	1.4490E+0	30	1000	<LOQ	Propiconazole	7.0000E-2	30	1000	<LOQ
Daminozide	8.8500E-1	30	100	<LOQ	Propoxur	4.6000E-2	30	100	<LOQ
Diazinon	4.4000E-2	30	200	<LOQ	Pyrethrins	2.3593E+1	30	1000	<LOQ
Dichlorvos	2.1820E+0	30	100	<LOQ	Pyridaben	3.2000E-2	30	3000	<LOQ
Dimethoate	2.1000E-2	30	100	<LOQ	Spinetoram	8.0000E-2	10	3000	<LOQ
Dimethomorph	5.8300E+0	48	3000	<LOQ	Spinosad	8.8000E-2	30	3000	<LOQ
Ethoprophos	3.6000E-1	30	100	<LOQ	Spiromesifen	2.6100E-1	30	3000	<LOQ
Etofenprox	1.1600E-1	30	100	<LOQ	Spirotetramat	8.9000E-2	30	3000	<LOQ
Etoxazole	9.5000E-2	30	1500	<LOQ	Spiroxamine	1.3100E-1	30	100	<LOQ
Fenhexamid	5.1000E-1	10	3000	<LOQ	Tebuconazole	6.7000E-2	30	1000	<LOQ
Fenoxycarb	1.0700E-1	30	100	<LOQ	Thiacloprid	6.4000E-2	30	100	<LOQ
Fenpyroximate	1.3800E-1	30	2000	<LOQ	Thiamethoxam	5.0000E-2	30	1000	<LOQ
Fipronil	1.0700E-1	30	100	<LOQ	Trifloxystrobin	3.7000E-2	30	3000	<LOQ
Flonicamid	5.1700E-1	30	2000	<LOQ					

Pathogenic Microbiology SAE (MicroArray)

Passed
SOP13.019 (Micro Array)

Specimen Weight: 1023.440 mg

Dilution Factor: 1.000

Analyte	Result (cfu/g)	Analyte	Result (cfu/g)
Aspergillus flavus	Absence in 1g	Aspergillus terreus	Absence in 1g
Aspergillus fumigatus	Absence in 1g	Salmonella	Absence in 1g
Aspergillus niger	Absence in 1g	STEC E. Coli	Absence in 1g

Listeria Monocytogenes

Passed
SOP13.032 (qPCR)

Specimen Weight: 970.650 mg

Dilution Factor: 1.000

Analyte	Action Level (cfu/g)	Result
Listeria Monocytogenes	1	Absence in 1g

Xueli Gao, Ph.D., DABT — Lab Toxicologist

Aixia Sun, D.H.Sc., M.Sc., B.Sc., MT (AAB) — Lab Director/Principal Scientist

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QA By: 1057 on 2022-11-28 17:26:17 V1

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Completion Date: 2022-11-28

Initial Gross Weight: 12.080 g

Terpenes

Tested

Specimen Weight: 54.440 mg

SOP13.045 (GC/GCMS)

Dilution Factor: 20.000

Analyte	LOQ (%)	Result (mg/g)	(%)	Analyte	LOQ (%)	Result (mg/g)	(%)
(R)-(+)-Limonene	0.002	7.251	0.725	Famesene	0.002		<LOQ
beta-Myrcene	0.002	3.821	0.382	Fenchone	0.002		<LOQ
trans-Caryophyllene	0.002	3.425	0.343	Fenchyl Alcohol	0.002		<LOQ
Linalool	0.002	1.673	0.167	Gamma-Terpinene	0.002		<LOQ
beta-Pinene	0.002	0.907	0.091	Geraniol	0.002		<LOQ
(+)-Cedrol	0.002		<LOQ	Geranyl acetate	0.002		<LOQ
3-Carene	0.002		<LOQ	Guaiol	0.002		<LOQ
alpha-Bisabolol	0.002		<LOQ	Hexahydrothymol	0.002		<LOQ
alpha-Cedrene	0.002		<LOQ	Isoborneol	0.002		<LOQ
alpha-Humulene	0.002		<LOQ	Isopulegol	0.002		<LOQ
alpha-Phellandrene	0.002		<LOQ	Nerol	0.002		<LOQ
alpha-Pinene	0.002		<LOQ	Ocimene	0.00033		<LOQ
alpha-Terpinene	0.002		<LOQ	Pulegone	0.002		<LOQ
Borneol	0.004		<LOQ	Sabinene	0.002		<LOQ
Camphene	0.002		<LOQ	Sabinene Hydrate	0.002		<LOQ
Camphors	0.006		<LOQ	Terpinolene	0.002		<LOQ
Caryophyllene oxide	0.002		<LOQ	Total Terpineol	0.00126		<LOQ
cis-Nerolidol	0.002		<LOQ	trans-Nerolidol	0.002		<LOQ
Eucalyptol	0.002		<LOQ	Valencene	0.002		<LOQ

Total Terpenes: 1.708%

Residual Solvents - FL (CBD)

Passed

Specimen Weight: 11.600 mg

SOP13.039 (GCMS)

Dilution Factor: 1.000

Analyte	LOD (ppm)	LOQ (ppm)	Action Level (ppm)	Result (ppm)	Analyte	LOD (ppm)	LOQ (ppm)	Action Level (ppm)	Result (ppm)
1,1-Dichloroethene	0.0094	0.16	8	<LOQ	Heptane	0.0013	1.39	5000	<LOQ
1,2-Dichloroethane	0.0003	0.04	5	<LOQ	Hexane	0.068	1.17	290	<LOQ
Acetone	0.015	2.08	5000	<LOQ	Isopropyl alcohol	0.0048	1.39	500	<LOQ
Acetonitrile	0.06	1.17	410	<LOQ	Methanol	0.0005	0.69	3000	<LOQ
Benzene	0.0002	0.02	2	<LOQ	Methylene chloride	0.0029	2.43	600	<LOQ
Butanes	0.4167	2.5	2000	<LOQ	Pentane	0.037	2.08	5000	<LOQ
Chloroform	0.0001	0.04	60	<LOQ	Propane	0.031	5.83	2100	<LOQ
Ethanol	0.0021	2.78	5000	<LOQ	Toluene	0.0009	2.92	890	<LOQ
Ethyl Acetate	0.0012	1.11	5000	<LOQ	Total Xylenes	0.0001	2.92	2170	<LOQ
Ethyl Ether	0.0049	1.39	5000	<LOQ	Trichloroethylene	0.0014	0.49	80	<LOQ
Ethylene Oxide	0.0038	0.1	5	<LOQ					

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Mycotoxins

Passed
SOP13.007 (LCMS)

Specimen Weight: 269.010 mg

Dilution Factor: 5.580

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Aflatoxin B1	3.0400E-1	6	20	<LOQ	Aflatoxin G2	2.7100E-1	6	20	<LOQ
Aflatoxin B2	7.7000E-2	6	20	<LOQ	Ochratoxin A	7.5400E-1	12	20	<LOQ
Aflatoxin G1	3.0400E-1	6	20	<LOQ					

Heavy Metals

Passed
SOP13.048 (ICP-MS)

Specimen Weight: 245.900 mg

Dilution Factor: 203

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Arsenic (As)	4.83	100	1500	<LOQ	Lead (Pb)	11.76	100	500	<LOQ
Cadmium (Cd)	.64	100	500	<LOQ	Mercury (Hg)	.58	100	3000	<LOQ

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