



License No. 800025015  
 FL License # CMTL-0003  
 CLIA No. 10D1094068

# Certificate of Analysis

R&D

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

Batch # 210611-THCV  
 Batch Date: 2021-06-11  
 Extracted From: Hemp

Test Reg State: Florida

Order # REE210615-030070  
 Order Date: 2021-06-15  
 Sample # AABM388

Sampling Date: 2021-06-17  
 Lab Batch Date: 2021-06-17  
 Completion Date: 2021-06-28

Initial Gross Weight: 56.156 g



Product Image

Potency  
 Tested

Heavy Metals  
 Passed

Residual  
 Solvents  
 Passed

## Potency - 20

Specimen Weight: 46.400 mg

Analyte	Dilution (1:n)	LOD (%)	LOQ (%)	Result (mg/g)	(%)
Delta-8 THCv	10.000	0.00004	0.001	772.600	77.260
THCV	10.000	0.000007	0.001	212.900	21.290
CBD	10.000	0.000054	0.001	6.126	0.613
CBGA	10.000	0.00008	0.001	4.907	0.491
CBDV	10.000	0.000065	0.001	2.029	0.203
THCA-A	10.000	0.000032	0.001	<LOQ	<LOQ
THCV-A	10.000	0.000047	0.001	<LOQ	<LOQ
Delta-9 THC	10.000	0.000013	0.001	<LOQ	<LOQ
Exo-THC	10.000	0.00023	0.001	<LOQ	<LOQ
CBDA	10.000	0.00001	0.001	<LOQ	<LOQ
CBCA	10.000	0.000107	0.001	<LOQ	<LOQ
Delta-8 THC	10.000	0.000026	0.001	<LOQ	<LOQ
Delta-10 THC	10.000	0.000003	0.001	<LOQ	<LOQ
CBT	10.000	0.0002	0.001	<LOQ	<LOQ
CBNA	10.000	0.000095	0.001	<LOQ	<LOQ
CBN	10.000	0.000014	0.001	<LOQ	<LOQ
CBL	10.000	0.000035	0.001	<LOQ	<LOQ
CBG	10.000	0.000248	0.001	<LOQ	<LOQ
CBDVA	10.000	0.000014	0.001	<LOQ	<LOQ
CBC	10.000	0.000018	0.001	<LOQ	<LOQ

## Tested (HPLC)

## Potency Summary

Total THC None Detected	Total CBD 0.613%
Total CBG 0.430%	Total CBN None Detected
Other Cannabinoids 21.493%	Total Cannabinoids 99.796%

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



Definitions and Abbreviations used in this report: \*Total CBD = CBD + (CBD-A \* 0.877), \*Total THC = THCA-A \* 0.877 + Delta 9 THC, \*CBG Total = (CBGA \* 0.877) + CBG, \*CBN Total = (CBNA \* 0.877) + CBN, \*Other Cannabinoids Total = CBC + CBDV + THCv + THCV-A, \*Total Detected Cannabinoids = CBD Total + CBG Total + CBN Total + THC Total + CBC + CBDV + THCv + THCV-A, \*Analyte Details above show the Dry Weight Concentrations unless specified as 12% moisture concentration. (mg/ml) = Milligrams per Milliliter, LOQ = Limit of Quantitation, LOD = Limit of Detection, Dilution = Dilution Factor (ppb) = Parts per Billion, (%) = Percent, (cfu/g) = Colony Forming Unit per Gram (cfu/g) = Colony Forming Unit per Gram, LOD = Limit of Detection, (µg/g) = Microgram per Gram (ppm) = Parts per Million, (ppm) = (µg/g), (aw) = aw (area ratio) = Area Ratio, (mg/Kg) = Milligram per Kilogram, \*Measurement of Uncertainty = +/- 5%

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## Heavy Metals

Specimen Weight: 129.400 mg

Passed  
(ICP-MS)

Dilution Factor: 2.000

Analyte	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Arsenic (As)	100	1500	<LOQ	Cadmium (Cd)	100	500	<LOQ
Lead (Pb)	100	500	<LOQ	Mercury (Hg)	100	3000	<LOQ

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## Residual Solvents - FL (CBD)

Specimen Weight: 12.900 mg

Passed  
(GCMS)

Dilution Factor: 1.000

Analyte	LOQ (ppm)	Action Level (ppm)	Result (ppm)	Analyte	LOQ (ppm)	Action Level (ppm)	Result (ppm)
1,1-Dichloroethane	0.16	8	<LOQ	1,2-Dichloroethane	0.04	5	<LOQ
Acetone	2.08	5000	<LOQ	Acetonitrile	1.17	410	<LOQ
Benzene	0.02	2	<LOQ	Butanes	2.5	2000	<LOQ
Chloroform	0.04	60	<LOQ	Ethanol	2.78	5000	<LOQ
Ethyl Acetate	1.11	5000	41.883	Ethyl Ether	1.39	5000	<LOQ
Ethylene Oxide	0.1	5	<LOQ	Heptane	1.39	5000	<LOQ
Hexane	1.17	290	<LOQ	Isopropyl alcohol	1.39	500	<LOQ
Methanol	0.69	3000	<LOQ	Methylene chloride	2.43	600	<LOQ
Pentane	2.08	5000	<LOQ	Propane	5.83	2100	<LOQ
Toluene	2.92	890	<LOQ	Total Xylenes	2.92	2170	<LOQ
Trichloroethylene	0.49	80	<LOQ				

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