1 of 6

### **Purple Berry RNTZ**

Unit Mass (g):

Sample ID: SA-250701-64479 Batch: 062825-PBR (HCPB10) Type: Finished Product - Inhalable Matrix: Concentrate - Vape

Received: 07/03/2025 Completed: 07/24/2025 Client Coastal Clouds PO Box 16032 Irvine, CA 92623 USA





Summary Test

 Test
 Date Tested

 Cannabinoids
 07/15/2025

 Foreign Matter
 07/18/2025

 Heavy Metals
 07/21/2025

 Microbials
 07/24/2025

 Mycotoxins
 07/21/2025

 Pesticides
 07/23/2025

 Residual Solvents
 07/21/2025

Status
Tested
Tested
Tested
Tested
Tested
Tested
Tested
Tested
Tested

**ND**Total Δ9-THC

**43.0** % (6aR,9R,10aR)-HHC

**88.2** % Total Cannabinoids

**Not Tested**Moisture Content

**Not Detected**Foreign Matter

Yes

Internal Standard Normalization

# Cannabinoids by HPLC-PDA and GC-MS/MS

Analyte	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)
CBC	0.0095	0.0284	ND ND	ND
CBD	0.0081	0.0242	ND	ND
CBDV	0.0061	0.0182	ND	ND
CBG	0.0057	0.0172	ND	ND
CBN	0.0056	0.0169	20.7	207
CBT	0.018	0.054	ND	ND
Δ4,8-iso-THC	0.0067	0.02	ND	ND
Δ6a,10a-THC	0.0067	0.02	0.265	2.65
Δ8-iso-THC	0.0067	0.02	ND	ND
Δ8-ΤΗС	0.0104	0.0312	0.300	3.00
Δ8-THCV	0.0067	0.02	ND	ND
Δ9-ΤΗС	0.0076	0.0227	ND	ND
Δ9-ΤΗCΑ	0.0084	0.0251	ND	ND
Δ9-THCV	0.0069	0.0206	ND	ND
(6a R,9R)-Δ10-THC	0.0067	0.02	ND	ND
(6a R,9S)-Δ10-THC	0.0067	0.02	ND	ND
exo-THC	0.0067	0.02	ND	ND
(6aR,9R,10aR)-HHC	0.0067	0.02	43.0	430
(6aR,9S,10aR)-HHC	0.0067	0.02	22.6	226
9R-HHCP	0.0067	0.02	1.36	13.6
9S-HHCP	0.0067	0.02	0.101	1.01
Total Δ9-THC			ND	ND
Total			88.2	882

ND = Not Detected; NR = Sample matrix interference present which may affect accuracy of results; NT = Not Tested; UA = Unsuitable for Analysis; NR = (Spike) Not Recoverable; LOD = Limit of Detection; LOQ = Limit of Quantitation; RL = Reporting Limit;  $\Delta$  = Delta; Total  $\Delta$ 9-THC =  $\Delta$ 9-THCA \* 0.877 +  $\Delta$ 9-THC; Total CBD = CBDA \* 0.877 + CBD;

Generated By: Ryan Bellone Commercial Director Date: 10/03/2025 Tested By: Scott Caudill Laboratory Manager Date: 07/15/2025







ISO/IEC 17025:2017 Accredited
Accreditation #108651



KCa KCA
232 Nc
Nichol

KCA Laboratories 232 North Plaza Drive Nicholasville, KY 40356

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2 of 6

### **Purple Berry RNTZ**

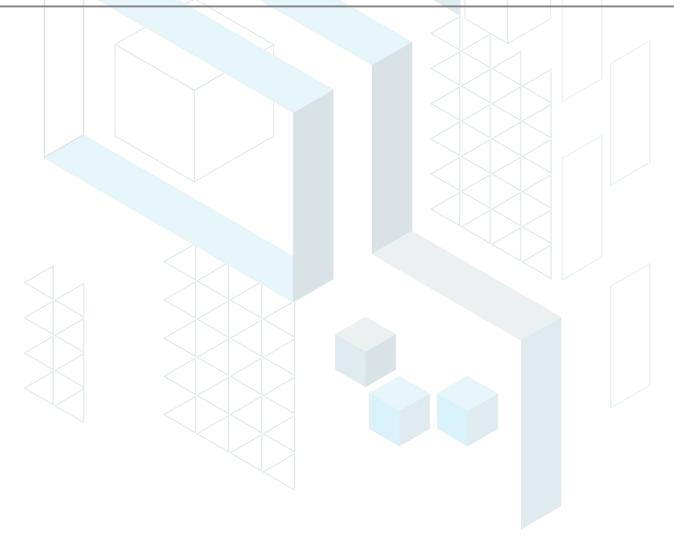
Sample ID: SA-250701-64479 Batch: 062825-PBR (HCPB10) Type: Finished Product - Inhalable Matrix: Concentrate - Vape Unit Mass (g):

Received: 07/03/2025 Completed: 07/24/2025 Client Coastal Clouds PO Box 16032 Irvine, CA 92623 USA

## **Heavy Metals by ICP-MS**

Analyte	LOD (ppm)	LOQ (ppm)	Result (ppm)
Arsenic	0.002	0.02	ND
Cadmium	0.001	0.02	ND
Lead	0.002	0.02	ND
Mercury	0.012	0.05	ND

ND = Not Detected; NT = Not Tested; UA = Unsuitable for Analysis; NR = Sample matrix interference present which may affect accuracy of results; LOD = Limit of Detection; LOQ = Limit of Quantitation; P = Pass; F = Fail; RL = Reporting Limit; Values over action limits may be estimates



Generated By: Ryan Bellone Commercial Director Date: 10/03/2025 Tested By: Chris Farman Scientist Date: 07/21/2025







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3 of 6

### **Purple Berry RNTZ**

Sample ID: SA-250701-64479 Batch: 062825-PBR (HCPB10) Type: Finished Product - Inhalable Matrix: Concentrate - Vape

Unit Mass (g):

Received: 07/03/2025 Completed: 07/24/2025 Client

Coastal Clouds PO Box 16032 Irvine, CA 92623 USA

## Pesticides by LC-MS/MS and GC-MS/MS

Analyte	LOD (ppb)	LOQ (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Result (ppb)
Acephate	30	100	ND	Hexythiazox	30	100	ND
Acetamiprid	30	100	ND	Imazalil	30	100	ND
Aldicarb	30	100	ND	Imidacloprid	30	100	ND
Azoxystrobin	30	100	ND	Kresoxim methyl	30	100	ND
Bifenazate	30	100	ND	Malathion	30	100	ND
Bifenthrin	30	100	ND	Metalaxyl	30	100	ND
Boscalid	30	100	ND	Methiocarb	30	100	ND
Carbaryl	30	100	ND	Methomyl	30	100	ND
Carbofuran	30	100	ND	Mevinphos	30	100	ND
Chloranthraniliprole	30	100	ND	Myclobutanil	30	100	ND
Chlordane	30	100	ND	Naled	30	100	ND
Chlorfenapyr	30	100	ND	Oxamyl	30	100	ND
Chlorpyrifos	30	100	ND	Paclobutrazol	30	100	ND
Clofentezine	30	100	ND	Parathion methyl	30	100	ND
Coumaphos	30	100	ND	Pentachloronitrobenzene	30	100	ND
Daminozide	30	100	ND	Phosmet	30	100	ND
Diazinon	30	100	ND	Piperonyl Butoxide	30	100	ND
Dichlorvos	30	100	ND	Propiconazole	30	100	ND
Dimethoate	30	100	ND	Propoxur	30	100	ND
Dimethomorph	30	100	ND	Pyrethrins	30	100	ND
Ethoprophos	30	100	ND	Pyridaben	30	100	ND
Etofenprox	30	100	ND	Spinetoram	30	100	ND
Etoxazole	30	100	ND	Spinosad	30	100	ND
Fenhexamid	30	100	ND	Spiromesifen	30	100	ND
Fenoxycarb	30	100	ND	Spirotetramat	30	100	ND
Fenpyroximate	30	100	ND	Spiroxamine	30	100	ND
Fipronil	30	100	ND	Tebuconazole	30	100	ND
Flonicamid	30	100	ND	Thiacloprid	30	100	ND
Fludioxonil	30	100	ND	Thiamethoxam	30	100	ND
				Trifloxystrobin	30	100	ND

ND = Not Detected; NT = Not Tested; UA = Unsuitable for Analysis; NR = Sample matrix interference present which may affect accuracy of results; LOD = Limit of Detection; LOQ = Limit of

Generated By: Ryan Bellone

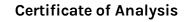
Commercial Director

Date: 10/03/2025

Authorized By: Anthony Mattingly Scientist

Date: 07/23/2025







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4 of 6

### **Purple Berry RNTZ**

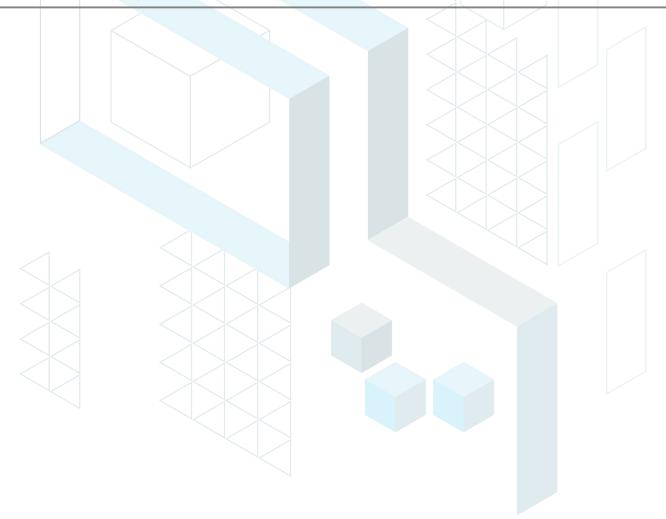
Sample ID: SA-250701-64479 Batch: 062825-PBR (HCPB10) Type: Finished Product - Inhalable Matrix: Concentrate - Vape Unit Mass (g):

Received: 07/03/2025 Completed: 07/24/2025 Client Coastal Clouds PO Box 16032 Irvine, CA 92623 USA

## Mycotoxins by LC-MS/MS

Analyte	LOD (ppb)	LOQ (ppb)	Result (ppb)	
B1	1	5	ND	
B2	1	5	ND	
G1	1	5	ND	
G2	1	5	ND	
Ochratoxin A	1	5	ND	

ND = Not Detected; NT = Not Tested; UA = Unsuitable for Analysis; NR = Sample matrix interference present which may affect accuracy of results; LOD = Limit of Detection; LOQ = Limit of Quantitation; P = Pass; F = Fail; RL = Reporting Limit; Values over action limits may be estimates



Generated By: Ryan Bellone Commercial Director Date: 10/03/2025

Tested By: Anthony Mattingly Scientist Date: 07/21/2025





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#### **Certificate of Analysis**

5 of 6

### **Purple Berry RNTZ**

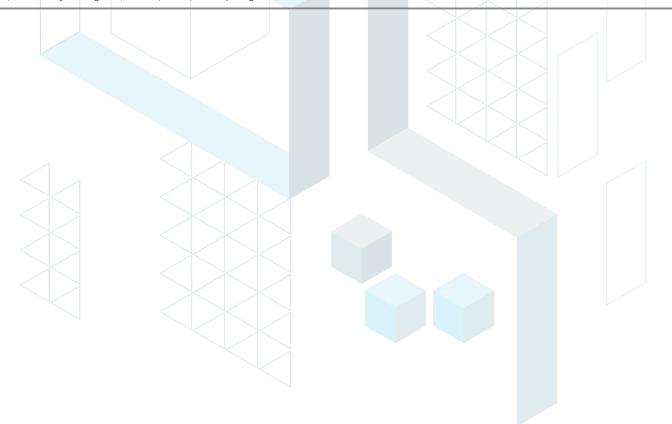
Sample ID: SA-250701-64479 Batch: 062825-PBR (HCPB10) Type: Finished Product - Inhalable Matrix: Concentrate - Vape Unit Mass (g):

Received: 07/03/2025 Completed: 07/24/2025 Client Coastal Clouds PO Box 16032 Irvine, CA 92623 USA

## Microbials by PCR and Plating

Analyte	LOD (CFU/g)	Result (CFU/g)	Result (Qualitative)
Total aerobic count	10	ND	
Aspergillus flavus	1		Not Detected per 1 gram
Aspergillus fumigatus	1		Not Detected per 1 gram
Aspergillus niger	1		Not Detected per 1 gram
Aspergillus terreus	1		Not Detected per 1 gram
Bile-tolerant gram-negative bacteria	10	ND	
Total coliforms	10	ND	
Generic E. coli	10	ND	
Salmonella spp.	1		Not Detected per 1 gram
Shiga-toxin producing E. coli (STEC)	1		Not Detected per 1 gram
Total yeast and mold count (TYMC)	10	ND	

ND = Not Detected; NT = Not Tested; UA = Unsuitable for Analysis; NR = Sample matrix interference present which may affect accuracy of results; LOD = Limit of Detection; LOQ = Limit of Quantitation; CFU = Colony Forming Units; P = Pass; F = Fail; RL = Reporting Limit



Generated By: Ryan Bellone Commercial Director Date: 10/03/2025 Tested By: Sara Cook Laboratory Technician Date: 07/24/2025







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6 of 6

### **Purple Berry RNTZ**

Unit Mass (g):

Sample ID: SA-250701-64479 Batch: 062825-PBR (HCPB10) Type: Finished Product - Inhalable Matrix: Concentrate - Vape

Received: 07/03/2025 Completed: 07/24/2025 Client Coastal Clouds PO Box 16032 Irvine, CA 92623 USA

Residual Solvents by HS-GC-MS

Analyte	LOD	LOQ	Result	Analyte	LOD	LOQ (ppm)	Result
A = = + = = =	<b>(ppm)</b>	(ppm)	(ppm)	Falso dans a Ovi da	( <b>ppm</b> )	(ppm)	(ppm)
Acetone		500	ND	Ethylene Oxide			ND
Acetonitrile	14	41	ND	Heptane	167	500	ND
Benzene	0.5	1	ND	n-Hexane	10	29	ND
Butane	167	500	ND	Isobutane	167	500	ND
1-Butanol	167	500	ND	Isopropyl Acetate	167	500	ND
2-Butanol	167	500	ND	Isopropyl Alcohol	167	500	ND
2-Butanone	167	500	ND	Isopropylbenzene	167	500	ND
Chloroform	2	6	ND	Methanol	100	300	ND
Cyclohexane	129	388	ND	2-Methylbutane	10	29	ND
1,2-Dichloroethane	0.5	1	ND	Methylene Chloride	20	60	ND
1,2-Dimethoxyethane	4	10	ND	2-Methylpentane	10	29	ND
Dimethyl Sulfoxide	167	500	ND	3-Methylpentane	10	29	ND
N,N-Dimethylacetamide	37	109	ND	n-Pentane	167	500	ND
2,2-Dimethylbutane	10	29	ND	1-Pentanol	167	500	ND
2,3-Dimethylbutane	10	29	ND	n-Propane	167	500	ND
N,N-Dimethylformamide	30	88	ND	1-Propanol	167	500	ND
2,2-Dimethylpropane	167	500	ND	Pyridine	7	20	ND
1,4-Dioxane	13	38	ND	Tetrahydrofuran	24	72	ND
Ethanol	167	500	ND	Toluene	30	89	ND
2-Ethoxyethanol	6	16	ND	Trichloroethylene	3	8	ND
Ethyl Acetate	167	500	ND	Xylenes (o-, m-, and p-)	73	217	ND
Ethyl Ether	167	500	ND				
Ethylbenzene	3	7	ND				

ND = Not Detected; NT = Not Tested; UA = Unsuitable for Analysis; NR = Sample matrix interference present which may affect accuracy of results; LOD = Limit of Detection; LOQ = Limit of Quantitation; P = Pass; F = Fail; RL = Reporting Limit; Values over action limits may be estimates

Red

Tested By: Kelsey Rogers
Scientist
Date: 07/21/2025



Generated By: Ryan Bellone Commercial Director Date: 10/03/2025

This product or substance has been tested by KCA Laboratories using validated testing methodologies and an ISO/IEC 170252017 accredited quality system. Values reported relate only to the product or substance tested. The reported result is based on a sample weight. Unless otherwise stated, results of tests performed on all quality control samples met criteria for acceptance established by KCA Laboratories KCA Laboratories makes no claims as to the efficacy, safety or other risks associated with any detected or non-detected amounts of any substances reported herein. This Certificate of Analysis shall not be reproduced except in full, without the written approval of KCA Laboratories KCA Laboratories are provide measurement uncertainty upon request.





Purple Berry RNTZ Sample Matrix: CBD/HEMP **Derivative Products** (Inhalation - Heated)



#### **Certificate of Analysis**

**Compliance Test** 

Client Information: **Coastal Clouds** 

Batch # HCPB09 Batch Date: 2024-04-19 Extracted From: Hemp

Test Reg State: Florida

PO Box 16032 Irvine, CA 92623

Initial Gross Weight: 33.589 g

Order # COA240507-010001 Order Date: 2024-05-07

Sampling Date: 2024-05-07 Lab Batch Date: 2024-05-07 Sample # AAF0173 Orig. Completion Date: 2024-05-23

Statement of Amendment: Updated Batch#; Updated Photo; Merging reports



Potency Tested







**Heavy Metals Passed** 



2 3-Butanedione at **Passed** 





**Pesticides Passed** 



<L0Q

<L00

<L00

<L00

Residual Solvents **Passed** 

SOP13.001 (LCUV)

**Tested** 



33.8%







Vitamin E **Passed** 



Y

k	Potency 25 (LCUV)
	Specimen Weight: 506.280 mg

Dilution (1:n)	LOD (%)	LOQ (%)	Result (mg/g)	(%)	
50.000	1.40E-5	0.015	254.9644	25.4964	
50.000	8.00E-5	0.015	2.0239	0.2024	1
50.000	4.00E-5	0.015	1.7410	0.1741	1
50.000	2.60E-5	0.015	1.2638	0.1264	1
50.000	2.00E-4	0.015	0.5513	0.0551	
50.000	2.48E-4	0.015	0.5303	0.0530	
50.000	1.40E-5	0.015	0.1729	0.0173	
50.000	1.80E-5	0.015	<l0q< td=""><td><l0q< td=""><td></td></l0q<></td></l0q<>	<l0q< td=""><td></td></l0q<>	
50.000	1.07E-4	0.015	<l0q< td=""><td><l0q< td=""><td></td></l0q<></td></l0q<>	<l0q< td=""><td></td></l0q<>	
50.000	5.40E-5	0.015	<l0q< td=""><td><l0q< td=""><td></td></l0q<></td></l0q<>	<l0q< td=""><td></td></l0q<>	
50.000	1.00E-5	0.015	<l0q< td=""><td><l0q< td=""><td></td></l0q<></td></l0q<>	<l0q< td=""><td></td></l0q<>	
50.000	6.50E-5	0.015	<l0q< td=""><td><l0q< td=""><td></td></l0q<></td></l0q<>	<l0q< td=""><td></td></l0q<>	
50.000	3.50E-5	0.015	<l0q< td=""><td><l0q< td=""><td></td></l0q<></td></l0q<>	<l0q< td=""><td></td></l0q<>	
50.000	9.50E-5	0.015	<l0q< td=""><td><l0q< td=""><td></td></l0q<></td></l0q<>	<l0q< td=""><td></td></l0q<>	
50.000	2.70E-5	0.025	<l0q< td=""><td><l0q< td=""><td></td></l0q<></td></l0q<>	<l0q< td=""><td></td></l0q<>	
50.000	1.30E-5	0.015	<l0q< td=""><td><l0q< td=""><td></td></l0q<></td></l0q<>	<l0q< td=""><td></td></l0q<>	
50.000	7.70E-5	0.025	<l0q< td=""><td><l0q< td=""><td></td></l0q<></td></l0q<>	<l0q< td=""><td></td></l0q<>	
50.000	1.17E-5	0.012	<l0q< td=""><td><l0q< td=""><td></td></l0q<></td></l0q<>	<l0q< td=""><td></td></l0q<>	
50.000	2.30E-4		<l0q< td=""><td><l0q< td=""><td></td></l0q<></td></l0q<>	<l0q< td=""><td></td></l0q<>	
50.000	3.20E-5		<l0q< td=""><td><l0q< td=""><td></td></l0q<></td></l0q<>	<l0q< td=""><td></td></l0q<>	
			<l0q< td=""><td><l0q< td=""><td></td></l0q<></td></l0q<>	<l0q< td=""><td></td></l0q<>	
				<l0q< td=""><td></td></l0q<>	
50.000	4.70E-5	0.015	<l0q< td=""><td><l0q< td=""><td></td></l0q<></td></l0q<>	<l0q< td=""><td></td></l0q<>	
	(1:n) 50.000	(1:n) (%) 50.000 1.40E-5 50.000 8.00E-5 50.000 2.60E-5 50.000 2.00E-4 50.000 1.40E-5 50.000 1.40E-5 50.000 1.40E-5 50.000 1.40E-5 50.000 1.00E-5 50.000 3.50E-5 50.000 3.50E-5 50.000 2.70E-5 50.000 3.50E-5 50.000 1.30E-5 50.000 1.70E-5 50.000 3.50E-5 50.000 3.50E-5 50.000 3.50E-5 50.000 3.50E-5 50.000 3.50E-6	(1:n) (%) (%) 50.000 1.40E-5 0.015 50.000 8.00E-5 0.015 50.000 4.00E-5 0.015 50.000 2.60E-5 0.015 50.000 2.48E-4 0.015 50.000 1.40E-5 0.015 50.000 1.40E-5 0.015 50.000 1.40E-5 0.015 50.000 1.40E-5 0.015 50.000 1.00E-5 0.015 50.000 1.00E-5 0.015 50.000 3.50E-5 0.015 50.000 2.70E-5 0.025 50.000 2.70E-5 0.025 50.000 1.30E-5 0.015 50.000 2.70E-5 0.025 50.000 1.75E-4 0.015 50.000 3.50E-5 0.015 50.000 3.50E-5 0.015 50.000 3.50E-5 0.015 50.000 3.50E-5 0.015 50.000 3.50E-6 0.015	(1:n) (%) (%) (mg/g) 50.000 1.40E-5 0.015 254.9644 50.000 8.00E-5 0.015 2.0239 50.000 4.00E-5 0.015 1.2638 50.000 2.60E-5 0.015 1.2638 50.000 2.00E-4 0.015 0.5513 50.000 2.48E-4 0.015 0.5303 50.000 1.40E-5 0.015 0.1729 50.000 1.40E-5 0.015 < LOQ 50.000 1.07E-4 0.015 < LOQ 50.000 1.00E-5 0.015 < LOQ 50.000 5.40E-5 0.015 < LOQ 50.000 5.40E-5 0.015 < LOQ 50.000 3.50E-5 0.015 < LOQ 50.000 2.70E-5 0.015 < LOQ 50.000 2.70E-5 0.025 < LOQ 50.000 1.30E-5 0.015 < LOQ 50.000 3.50E-5 0.015 < LOQ 50.000 1.30E-5 0.015 < LOQ 50.000 3.50E-4 0.015 < LOQ 50.000 3.20E-4 0.015 < LOQ 50.000 3.20E-4 0.015 < LOQ 50.000 3.50E-4 0.0163 < LOQ 50.000 3.50E-4 0.0163 < LOQ 50.000 7.00E-6 0.015 < LOQ	(1:n) (%) (%) (mg/g) (%) 50.000 1.40E-5 0.015 254.9644 25.4964 50.000 8.00E-5 0.015 2.0239 0.2024 50.000 4.00E-5 0.015 1.2638 0.1264 50.000 2.60E-5 0.015 1.2638 0.1264 50.000 2.00E-4 0.015 0.5513 0.0551 50.000 1.40E-5 0.015 0.1729 0.0173 50.000 1.40E-5 0.015 0.1729 0.0173 50.000 1.40E-5 0.015 < LOQ < LOQ 50.000 1.00E-5 0.015 < LOQ < LOQ 50.000 1.00E-5 0.015 < LOQ < LOQ 50.000 1.00E-5 0.015 < LOQ < LOQ 50.000 5.40E-5 0.015 < LOQ < LOQ 50.000 5.50E-5 0.015 < LOQ < LOQ 50.000 1.00E-5 0.015 < LOQ < LOQ 50.000 2.70E-5 0.015 < LOQ < LOQ 50.000 2.70E-5 0.015 < LOQ < LOQ 50.000 1.30E-5 0.015 < LOQ < LOQ 50.000 3.50E-4 0.015 < LOQ < LOQ 50.000 3.50E-4 0.015 < LOQ < LOQ 50.000 3.20E-5 0.015 < LOQ < LOQ 50.000 3.50E-4 0.0163 < LOQ < LOQ 50.000 3.50E-4 0.0163 < LOQ < LOQ 50.000 7.00E-6 0.015 < LOQ < LOQ

50.000

50.000

**Potency Summary** 

**Total HHC** 493.280 mg 49.328% Total Active CBD

None Detected Total CBG

None Detected Total CBN 25.496%

0.231% **Total Cannabinoids** 75.453%

Total Active THC

Total (9R)-HHC

338 mg

Total 9(R)-HHCP

0.433% 4.33 mg

Aixia Sun Lab Director/Principal Scientist



<u> 4HCA</u>

D.H.Sc., M.Sc., B.Sc., MT (AAB)

Total Active CBD

Total Active THC





Definitions and Abbreviations used in this report: Total Active CBD = CBD + (CBD-A \* 0.877), \*Total CBDV = CBDV + (CBDVA \* 0.87), Total Active THC = THCA-A \* 0.877 + Delta 9 THC, Total THCV = THCV + (THCVA \* 0.87), CBG Total = (CBGA \* 0.877) + CBG, CBN Total = (CBNA \* 0.877) + CBN, Total CBC = CBC + (CBCA \* 0.877), Total THC-O-Acetate = Delta 8 THC-O-Acetate + Delta 9 THC-O-Acetate, Total THCP = Delta8-THCP, Total Cannabinoids = Total percentage of cannabinoids within the sample. (mg/ml) = Milliligram per Milliliter, LOQ = Limit of Quantitation, LOD = Limit of Detection, Dilution = Dilution Factor, (pph) = Parts per Billion, (%) = Percent, (cfu/g) = Colony Forming Unit per Gram, (µg/g) = Microgram per Gram, (ppm) = Parts per Million, (ppm) = (µg/g), (aw) = Water Activity, (mg/kg) = Milligram per Klogram. ACS uses simple acceptance criteria. Passed — Analyte/microbe is not detected or is at the level below the action limit per FL rule 64ER2O-39, 5K-4.034, Sample not received via laboratory sampling. \*Batch #: HCPB09 is identical to Coastal Clouds' batch #: 041924-PBR Revised reports asset stement of amountment settlement of amoun

report see statement of amendment above.

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**Purple Berry RNTZ** Sample Matrix: CBD/HEMP **Derivative Products** (Inhalation - Heated)



#### **Certificate of Analysis**

**Compliance Test** 

Client Information: **Coastal Clouds** PO Box 16032

Batch # HCPB09 Batch Date: 2024-04-19 Extracted From: Hemp Test Reg State: Florida

Irvine, CA 92623

Initial Gross Weight: 33.589 g

Order # COA240507-010001 Order Date: 2024-05-07

Sampling Date: 2024-05-07 Lab Batch Date: 2024-05-07 Orig. Completion Date: 2024-05-23

Analyte

2,3-butanedione(Diacetyl) Specimen Weight: 308.000 mg

Passed SOP13.039 (GCMS)

**Total Yeast and Mold** Specimen Weight: 512.640 mg

**Passed** SOP13.017 (qPCR)

Dilution Factor: 500.000

LOQ LOD Result (ppm) (maga) (ppm) 0.024 ~Loq 2,3-Butanedione

Dilution Factor: 1.000

Total Yeast/Mold

Analyte

Action Level (cfu/g) Result Remark (cfu/g) 100000 Passed

Pathogenic Microbiology SAE (MicroArray) Specimen Weight: 1017.250 mg

**Passed** SOP13.019 (Micro Array)

Analyte Aspergillus flavus Aspergillus fumigatus Aspergillus niger

Dilution Factor: 1.000

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

(cfu/g) Absence in 1g Absence in 1g Absence in 1g

Result

ini = Lab Director/Principal Scientist





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QA By: 1057 on 2024-06-12 16:55:42 V4

Page 2 of 5 Form F672





Purple Berry RNTZ Sample Matrix: CBD/HEMP Derivation Products (Inhalation - Heated)



#### **Certificate of Analysis**

**Compliance Test** 

Client Information: **Coastal Clouds** PO Box 16032

Batch # HCPB09 Batch Date: 2024-04-19 Extracted From: Hemp Test Reg State: Florida

Irvine, CA 92623

Initial Gross Weight: 33.589 g

Order # COA240507-010001 Order Date: 2024-05-07

Sampling Date: 2024-05-07 Lab Batch Date: 2024-05-07 Orig. Completion Date: 2024-05-23

Vitamin E (Tocopheryl Acetate) Specimen Weight: 586.020 mg

**Passed** SOP13.007 (LC-MS)

Dilution Factor: 2.560

LOD LOO Action Level (ppb) Analyte (ppb) (ppb) Tocopheryl Acetate (Vitamin E Acetate) .705

**Heavy Metals** Specimen Weight: 248.750 mg

**Passed** SOP13.048 (ICP-MS)

Result (ppb) <LOQ

Dilution Factor: 201									
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	200	<l0q< td=""><td>Lead (Pb)</td><td>11.76</td><td>100</td><td>500</td><td><l0q< td=""></l0q<></td></l0q<>	Lead (Pb)	11.76	100	500	<l0q< td=""></l0q<>
Codmium (Cd)	6.1	100	200	-1.00	Maraum (I la)	EO	100	200	-1.00

Mycotoxins

Specimen Weight: 802.000 mg

**Passed** SOP13.007 (LCMS)

Dilution Factor: 2.560

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<="" td=""><td>2.7100E-1</td><td>6</td><td>20</td><td><l0q< td=""></l0q<></td></loq>	2.7100E-1	6	20	<l0q< td=""></l0q<>
Aflatoxin B2	7.7000E-2	6	20	<loq a<="" ochratoxin="" td=""><td>7.5400E-1</td><td>3.8</td><td>20</td><td><loq< td=""></loq<></td></loq>	7.5400E-1	3.8	20	<loq< td=""></loq<>
Aflatoxin G1	3.0400E-1	6	20	<l0q< td=""><td></td><td></td><td></td><td></td></l0q<>				

Lab Director/Principal Scientist



D.H.Sc., M.Sc., B.Sc., MT (AAB)





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Purple Berry RNTZ Sample Matrix: CBD/HEMP Derivative Products (Inhalation - Heated)



#### **Certificate of Analysis**

**Compliance Test** 

Client Information: **Coastal Clouds** PO Box 16032

Batch # HCPB09 Batch Date: 2024-04-19 Extracted From: Hemp Test Reg State: Florida

0.075

4.9500

2.5500E-5

Initial Gross Weight: 33.589 g

Irvine, CA 92623 Order # COA240507-010001 Order Date: 2024-05-07 Sample # AAF0173

Sampling Date: 2024-05-07 Lab Batch Date: 2024-05-07 Orig. Completion Date: 2024-05-23

HHCP ННСР

Dilution Factor: 5000.000

Specimen Weight: 506.280 mg

**Tested** SOP13.050 (LCMS)

Analyte	LOD (%)	LOQ (%)	Result (mg/g)	(%) Analyte	LOD (%)	LOQ (%)	Result (mg/g)	(%)
(9R)-HHC	3.6600E-6	0.075	338.0000	33.8 CBC	2.760000E-5	0.075	<l0q< td=""><td><loq< td=""></loq<></td></l0q<>	<loq< td=""></loq<>
(9S)-HHC	6.6000E-6	0.075	146.0000	14.6 Delta-8 THC methyl ether	2.480000E-4	0.075	<l0q< td=""><td><loq< td=""></loq<></td></l0q<>	<loq< td=""></loq<>
(±)-9ß-hydroxy-HHC	7.7800E-6	0.075	<l0q< td=""><td><loq delta-9="" td="" thc<=""><td>2.8000E-4</td><td>0.075</td><td><l0q< td=""><td><loq< td=""></loq<></td></l0q<></td></loq></td></l0q<>	<loq delta-9="" td="" thc<=""><td>2.8000E-4</td><td>0.075</td><td><l0q< td=""><td><loq< td=""></loq<></td></l0q<></td></loq>	2.8000E-4	0.075	<l0q< td=""><td><loq< td=""></loq<></td></l0q<>	<loq< td=""></loq<>
1(R)-H4-CBD	7.330000E-7	0.15	<l0q< td=""><td><loq delta-9="" ether<="" methyl="" td="" thc=""><td>1.600000E-4</td><td>0.075</td><td><l0q< td=""><td><loq< td=""></loq<></td></l0q<></td></loq></td></l0q<>	<loq delta-9="" ether<="" methyl="" td="" thc=""><td>1.600000E-4</td><td>0.075</td><td><l0q< td=""><td><loq< td=""></loq<></td></l0q<></td></loq>	1.600000E-4	0.075	<l0q< td=""><td><loq< td=""></loq<></td></l0q<>	<loq< td=""></loq<>
1(S)-H4-CBD	6.630000E-7	0.15	<l0q< td=""><td><loq h2-cbd<="" td=""><td>1.440000E-7</td><td>0.075</td><td><l0q< td=""><td><loq< td=""></loq<></td></l0q<></td></loq></td></l0q<>	<loq h2-cbd<="" td=""><td>1.440000E-7</td><td>0.075</td><td><l0q< td=""><td><loq< td=""></loq<></td></l0q<></td></loq>	1.440000E-7	0.075	<l0q< td=""><td><loq< td=""></loq<></td></l0q<>	<loq< td=""></loq<>
9(R)-HHCP	3 0900F-5	0.075	4.3300	0.433 Total HHC		0.075	493.2800	49 328

0.495

9(S)-HHCP

Residual Solvents - FL (CBD)

Specimen Weight: 308.000 mg

**Passed** SOP13.039 (GCMS)

Dilution Factor: 500.000

Analyte	LOD	LOQ	Action Level	Result Analyte	LOD	LOQ	Action Level	Result
, many to	(ppm)	(ppm)	(ppm)	(ppm) Analyte	(ppm)	(ppm)	(ppm)	(ppm)
1,1-Dichloroethene	0.0094	0.16	8	<loq heptane<="" td=""><td>0.0013</td><td>1.39</td><td>5000</td><td><loq< td=""></loq<></td></loq>	0.0013	1.39	5000	<loq< td=""></loq<>
1,2-Dichloroethane	0.0003	0.04	5	<loq hexane<="" td=""><td>0.068</td><td>1.17</td><td>290</td><td><loq< td=""></loq<></td></loq>	0.068	1.17	290	<loq< td=""></loq<>
Acetone	0.015	2.08	5000	<loq alcohol<="" isopropyl="" td=""><td>0.0048</td><td>1.39</td><td>500</td><td><loq< td=""></loq<></td></loq>	0.0048	1.39	500	<loq< td=""></loq<>
Acetonitrile	0.06	1.17	410	<loq methanol<="" td=""><td>0.0005</td><td>0.69</td><td>3000</td><td><loq< td=""></loq<></td></loq>	0.0005	0.69	3000	<loq< td=""></loq<>
Benzene	0.0002	0.02	2	<loq chloride<="" methylene="" td=""><td>0.0029</td><td>2.43</td><td>600</td><td><loq< td=""></loq<></td></loq>	0.0029	2.43	600	<loq< td=""></loq<>
Butanes	0.4167	2.5	2000	<loq pentane<="" td=""><td>0.037</td><td>2.08</td><td>5000</td><td><loq< td=""></loq<></td></loq>	0.037	2.08	5000	<loq< td=""></loq<>
Chloroform	0.0001	0.04	60	<loq propane<="" td=""><td>0.031</td><td>5.83</td><td>2100</td><td><loq< td=""></loq<></td></loq>	0.031	5.83	2100	<loq< td=""></loq<>
Ethanol	0.0021	2.78	5000	<loq td="" toluene<=""><td>0.0009</td><td>2.92</td><td>890</td><td><loq< td=""></loq<></td></loq>	0.0009	2.92	890	<loq< td=""></loq<>
Ethyl Acetate	0.0012	1.11	5000	<loq td="" total="" xylenes<=""><td>0.0001</td><td>2.92</td><td>2170</td><td><l0q< td=""></l0q<></td></loq>	0.0001	2.92	2170	<l0q< td=""></l0q<>
Ethyl Ether	0.0049	1.39	5000	<loq td="" trichloroethylene<=""><td>0.0014</td><td>0.49</td><td>80</td><td><loq< td=""></loq<></td></loq>	0.0014	0.49	80	<loq< td=""></loq<>
Ethylene Oxide	0.0038	0.1	5	<l0q< td=""><td></td><td></td><td></td><td></td></l0q<>				

Lab Director/Principal Scientist Aixia Sun



D.H.Sc., M.Sc., B.Sc., MT (AAB)





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Purple Berry RNTZ Sample Matrix: CBD/HEMP Derivative Products (Inhalation - Heated)



#### **Certificate of Analysis**

**Compliance Test** 

Client Information: **Coastal Clouds** PO Box 16032

Batch # HCPB09 Batch Date: 2024-04-19 Extracted From: Hemp Test Reg State: Florida

Initial Gross Weight: 33.589 g

Dilution Factor: 2.560

Irvine, CA 92623 Order # COA240507-010001 Order Date: 2024-05-07 Sample # AAF0173

Sampling Date: 2024-05-07 Lab Batch Date: 2024-05-07 Orig. Completion Date: 2024-05-23

#### Pesticides

Specimen Weight: 586.020 mg

**Passed** SOP13.007 (LCMS/GCMS)

Dilution Factor. 2.560	1.00	1.00	A .: 1 1	D 1:	1.00	1.00	A (1 1 1	D 1:
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	100	<loq fludioxonil<="" td=""><td>1.7400E+0</td><td>48</td><td>100</td><td><loq< td=""></loq<></td></loq>	1.7400E+0	48	100	<loq< td=""></loq<>
Acephate	2.3000E-2	30	100	<loq hexythiazox<="" td=""><td>4.9000E-2</td><td>30</td><td>100</td><td><l0q< td=""></l0q<></td></loq>	4.9000E-2	30	100	<l0q< td=""></l0q<>
Acequinocyl	9.5640E+0	48	100	<loq imazalil<="" td=""><td>2.4800E-1</td><td>30</td><td>100</td><td><l00< td=""></l00<></td></loq>	2.4800E-1	30	100	<l00< td=""></l00<>
Acetamiprid	5.2000E-2	30	100	<loq imidacloprid<="" td=""><td>9.4000E-2</td><td>30</td><td>400</td><td><l00< td=""></l00<></td></loq>	9.4000E-2	30	400	<l00< td=""></l00<>
Aldicarb	2.6000E-2	30	100	<loq kresoxim="" methyl<="" td=""><td>4.2000E-2</td><td>30</td><td>100</td><td><loq< td=""></loq<></td></loq>	4.2000E-2	30	100	<loq< td=""></loq<>
Azoxystrobin	8.1000E-2	10	100	<loq malathion<="" td=""><td>8.2000E-2</td><td>30</td><td>200</td><td><loq< td=""></loq<></td></loq>	8.2000E-2	30	200	<loq< td=""></loq<>
Bifenazate	1.4150E+0	30	100	<loq metalaxyl<="" td=""><td>8.1000E-2</td><td>10</td><td>100</td><td><loq< td=""></loq<></td></loq>	8.1000E-2	10	100	<loq< td=""></loq<>
Bifenthrin	4.3000E-2	30	200	<loq methiocarb<="" td=""><td>3.2000E-2</td><td>30</td><td>100</td><td><loq< td=""></loq<></td></loq>	3.2000E-2	30	100	<loq< td=""></loq<>
Boscalid	5.5000E-2	10	100	<loq methomyl<="" td=""><td>2.2000E-2</td><td>30</td><td>100</td><td><loq< td=""></loq<></td></loq>	2.2000E-2	30	100	<loq< td=""></loq<>
Captan	6.1200E+0	30	700	<loq methyl-parathion<="" td=""><td>1.7100E+0</td><td>10</td><td>100</td><td><loq< td=""></loq<></td></loq>	1.7100E+0	10	100	<loq< td=""></loq<>
Carbaryl	2.2000E-2	10	500	<loq mevinphos<="" td=""><td>2.1500E+0</td><td>10</td><td>100</td><td><loq< td=""></loq<></td></loq>	2.1500E+0	10	100	<loq< td=""></loq<>
Carbofuran	3.4000E-2	10	100	<loq myclobutanil<="" td=""><td>1.0290E+0</td><td>30</td><td>100</td><td><l0q< td=""></l0q<></td></loq>	1.0290E+0	30	100	<l0q< td=""></l0q<>
Chlorantraniliprole	3.3000E-2	10	1000	<loq naled<="" td=""><td>9.5000E-2</td><td>30</td><td>250</td><td><l0q< td=""></l0q<></td></loq>	9.5000E-2	30	250	<l0q< td=""></l0q<>
Chlordane	1.0000E+1	10	100	<loq oxamyl<="" td=""><td>2.5000E-2</td><td>30</td><td>500</td><td><l0q< td=""></l0q<></td></loq>	2.5000E-2	30	500	<l0q< td=""></l0q<>
Chlorfenapyr	3.4000E-2	30	100	<loq paclobutrazol<="" td=""><td>6.5000E-2</td><td>30</td><td>100</td><td><loq< td=""></loq<></td></loq>	6.5000E-2	30	100	<loq< td=""></loq<>
Chlormequat Chloride	1.0800E-1	10	1000	<loq pentachloronitrobenzene<="" td=""><td>1.3200E+0</td><td>10</td><td>150</td><td><loq< td=""></loq<></td></loq>	1.3200E+0	10	150	<loq< td=""></loq<>
Chlorpyrifos	3.5000E-2	30	100	<loq permethrin<="" td=""><td>3.4300E-1</td><td>30</td><td>100</td><td><loq< td=""></loq<></td></loq>	3.4300E-1	30	100	<loq< td=""></loq<>
Clofentezine	1.1900E-1	30	200	<loq phosmet<="" td=""><td>8.2000E-2</td><td>30</td><td>100</td><td><loq< td=""></loq<></td></loq>	8.2000E-2	30	100	<loq< td=""></loq<>
Coumaphos	3.7700E+0	48	100	<loq piperonylbutoxide<="" td=""><td>2.9000E-2</td><td>30</td><td>3000</td><td><loq< td=""></loq<></td></loq>	2.9000E-2	30	3000	<loq< td=""></loq<>
Cyfluthrin	3.1100E+0	30	500	<loq prallethrin<="" td=""><td>7.9800E-1</td><td>30</td><td>100</td><td><loq< td=""></loq<></td></loq>	7.9800E-1	30	100	<loq< td=""></loq<>
Cypermethrin	1.4490E+0	30	500	<loq propiconazole<="" td=""><td>7.0000E-2</td><td>30</td><td>100</td><td><loq< td=""></loq<></td></loq>	7.0000E-2	30	100	<loq< td=""></loq<>
Daminozide	8.8500E-1	30	100	<loq propoxur<="" td=""><td>4.6000E-2</td><td>30</td><td>100</td><td><loq< td=""></loq<></td></loq>	4.6000E-2	30	100	<loq< td=""></loq<>
Diazinon	4.4000E-2	30	100	<loq pyrethrins<="" td=""><td>2.3593E+1</td><td>30</td><td>500</td><td><loq< td=""></loq<></td></loq>	2.3593E+1	30	500	<loq< td=""></loq<>
Dichlorvos	2.1820E+0	30	100	<loq pyridaben<="" td=""><td>3.2000E-2</td><td>30</td><td>200</td><td><loq< td=""></loq<></td></loq>	3.2000E-2	30	200	<loq< td=""></loq<>
Dimethoate	2.1000E-2	30	100	<loq spinetoram<="" td=""><td>8.0000E-2</td><td>10</td><td>200</td><td><loq< td=""></loq<></td></loq>	8.0000E-2	10	200	<loq< td=""></loq<>
Dimethomorph	5.8300E+0	48	200	<loq spinosad<="" td=""><td>8.8000E-2</td><td>30</td><td>100</td><td><loq< td=""></loq<></td></loq>	8.8000E-2	30	100	<loq< td=""></loq<>
Ethoprophos	3.6000E-1	30	100	<loq spiromesifen<="" td=""><td>2.6100E-1</td><td>30</td><td>100</td><td><loq< td=""></loq<></td></loq>	2.6100E-1	30	100	<loq< td=""></loq<>
Etofenprox	1.1600E-1	30	100	<loq spirotetramat<="" td=""><td>8.9000E-2</td><td>30</td><td>100</td><td><loq< td=""></loq<></td></loq>	8.9000E-2	30	100	<loq< td=""></loq<>
Etoxazole	9.5000E-2	30	100	<loq spiroxamine<="" td=""><td>1.3100E-1</td><td>30</td><td>100</td><td><l0q< td=""></l0q<></td></loq>	1.3100E-1	30	100	<l0q< td=""></l0q<>
Fenhexamid	5.1000E-1	10	100	<loq td="" tebuconazole<=""><td>6.7000E-2</td><td>30</td><td>100</td><td><loq< td=""></loq<></td></loq>	6.7000E-2	30	100	<loq< td=""></loq<>
Fenoxycarb	1.0700E-1	30	100	<loq td="" thiacloprid<=""><td>6.4000E-2</td><td>30</td><td>100</td><td><l0q< td=""></l0q<></td></loq>	6.4000E-2	30	100	<l0q< td=""></l0q<>
Fenpyroximate	1.3800E-1	30	100	<loq td="" thiamethoxam<=""><td>5.0000E-2</td><td>30</td><td>500</td><td><loq< td=""></loq<></td></loq>	5.0000E-2	30	500	<loq< td=""></loq<>
Fipronil	1.0700E-1	30	100	<loq td="" trifloxystrobin<=""><td>3.7000E-2</td><td>30</td><td>100</td><td><loq< td=""></loq<></td></loq>	3.7000E-2	30	100	<loq< td=""></loq<>
Flonicamid	5.1700E-1	30	100	<l0q< td=""><td></td><td></td><td></td><td></td></l0q<>				

Lab Director/Principal Scientist Aixia Sun

D.H.Sc., M.Sc., B.Sc., MT (AAB)







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