



Certificate of Analysis
Compliance Test
Florida

Client Information: RA Royal 41 enterprise dr Unit 101 Bunnell, Florida 32110	Manufacturing Facility: RA Royal 41 enterprise dr Unit 101 Bunnell, Florida 32110	Order Details: Order # RAR260401-120001 Order Date: 2026-04-01 Sample # AAHO858 Orig. Completion Date: 2026-04-10	Batch Data: Batch # 260319127 Batch Date: 2026-03-18 Extracted From: Hemp Sampling Date: 2026-04-06 Lab Batch Date: 2026-04-06	Food Permits: Permit #: 397102
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Initial Gross Weight: 120.400 g	Net Weight per Package: 75000.000 mg	Net Weight per Serving: 5000 mg	Servings Per Package: 15
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Statement of Amendment: Auto merge with full package testing

Product Image

Potency Tested

Pesticides Passed

Heavy Metals Passed

Mycotoxins Passed

Residual Solvents Passed

Pathogenic Microbiology Passed

Microbiology Petrifilm Passed

Potency Summary

Total HHC	0.156%	Delta 9 THC	0.151%
per Serving	7.80 mg	per Serving	7.55 mg
per Package	117 mg	per Package	113 mg
Total Active CBD	0.0130%	Total CBG	0.521%
per Serving	0.650 mg	per Serving	26.1 mg
per Package	9.75 mg	per Package	391 mg
Total CBN	0.00200%	Total Cannabinoids	0.892%
per Serving	0.100 mg	per Serving	44.6 mg
per Package	1.50 mg	per Package	669 mg
Total Active THC	0.151%	Total THCP	0.0410%
per Serving	7.55 mg	per Serving	2.05 mg
per Package	113 mg	per Package	30.8 mg

* Summary Results determined from two distinct Potency Tests - Potency (GA) LCUV + Potency 25 (LCUV) + HHCP - Multi State

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



Definitions and Abbreviations used in this report: Total Active CBD = CBD + (CBD-A * 0.877), *Total CBDV = CBDV + (CBDVA * 0.867), Total THC = (THCA + D8thca) * 0.877 + Total (+/-) Delta 9 THC + Total (+/-) Delta-8 THC + delta 7-THCs + Delta4(8)-iso-THC + Delta8-iso-THC + Delta6a10a-THC + Total Delta-10 THC + exo-THC + abnormal cbd, Total THCV = THCV + (THCVA * 0.87) , CBG Total = (CBGA * 0.878) + CBG, CBN Total = (CBNA * 0.876) + 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 + Delta9-THCP, Total Cannabinoids = Total percentage of cannabinoids within the sample, (mg/ml) = Milligrams per Milliliter, LOQ = Limit of Quantitation, LOD = Limit of Detection, Dilution = Dilution Factor, (ppb) = Parts per Billion, (%) = Percent, (ct/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 Kilogram, The results shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. ACS Laboratory is accredited to the ISO/IEC 17025:2017 Standard. The current and valid permit number for the facility issued by a human health or food safety regulatory entity with authority over the facility is stated above, and that the facility meets the human health or food safety sanitization requirements of the regulatory entity as documented by the regulatory entity and evidenced by the valid permit number.



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Client Information: RA Royal 41 enterprise dr Unit 101 Bunnell, Florida 32110	Manufacturing Facility: RA Royal 41 enterprise dr Unit 101 Bunnell, Florida 32110	Order Details: Order # RAR260401-120001 Order Date: 2026-04-01 Sample # AAHO858 Orig. Completion Date: 2026-04-10	Batch Data: Batch # 260319127 Batch Date: 2026-03-18 Extracted From: Hemp Sampling Date: 2026-04-06 Lab Batch Date: 2026-04-06	Food Permits: Permit #: 397102
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Initial Gross Weight: 120.400 g	Net Weight per Package: 75000.000 mg	Net Weight per Serving: 5000 mg	Servings Per Package: 15
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Potency (GA) LCUV + Potency 25 (LCUV) + HHCP - Multi State **Tested** SOP13.001,SOP13.050 (LCUV,LCMS)
Specimen Weight: 1511.800 mg

Pieces For Panel: 15

Analyte	Dilution (1:n)	LOD (mg/g)	LOQ (%)	Result (mg/g)	(%)	Per Serving (mg)	Per Package (mg)
CBG	10.000	2.480000E-4	0.0015	5.2100	0.521	26.1	391
Total HHC	10.000		0.00075	117.075	0.156	585	8780
Delta-9 THC	10.000	1.300000E-5	0.0015	1.5100	0.151	7.55	113
(9R)-HHC	10.000	3.6600E-6	0.00075	0.9150	0.0915	4.58	68.6
(9S)-HHC	10.000	6.6000E-6	0.00075	0.6460	0.0646	3.23	48.5
Delta9-THCP	10.000	1.170000E-5	0.0012	0.4100	0.0410	2.05	30.8
CBD	10.000	5.400000E-5	0.0015	0.1300	0.0130	0.650	9.75
CBT	10.000	2.000000E-4	0.0015	0.0300	0.00300	0.150	2.25
CBN	10.000	1.400000E-5	0.0015	0.0200	0.00200	0.100	1.50
CBCA	10.000	1.070000E-4	0.0015	0.0200	0.00200	0.100	1.50
CBC	10.000	2.760000E-5	0.00075	0.0129	0.00130	0.0645	0.968
Delta-9 THC methyl ether	10.000	1.600000E-4	0.00075	0.0124	0.00120	0.0620	0.930
CBDA	10.000	1.000000E-5	0.0015	<LOQ	<LOQ	<LOQ	<LOQ
CBGA	10.000	8.000000E-5	0.0015	<LOQ	<LOQ	<LOQ	<LOQ
Delta-10 THC	10.000	3.000E-6	0.0015	<LOQ	<LOQ	<LOQ	<LOQ
Delta-8 THC	10.000	2.600000E-5	0.0015	<LOQ	<LOQ	<LOQ	<LOQ
Delta-9 THC-O Acetate	10.000	7.700000E-5	0.003	<LOQ	<LOQ	<LOQ	<LOQ
Exo-THC	10.000	2.300000E-4	0.0015	<LOQ	<LOQ	<LOQ	<LOQ
THCA-A	10.000	3.200000E-5	0.0015	<LOQ	<LOQ	<LOQ	<LOQ
CBDV	10.000	6.500000E-5	0.0015	<LOQ	<LOQ	<LOQ	<LOQ
CBDVA	10.000	1.400000E-5	0.0015	<LOQ	<LOQ	<LOQ	<LOQ
CBL	10.000	3.500000E-5	0.0015	<LOQ	<LOQ	<LOQ	<LOQ
CBNA	10.000	9.500000E-5	0.0015	<LOQ	<LOQ	<LOQ	<LOQ
Delta-8 THC-O Acetate	10.000	2.700000E-5	0.003	<LOQ	<LOQ	<LOQ	<LOQ
Delta-8 THCV	10.000	4.000000E-5	0.0015	<LOQ	<LOQ	<LOQ	<LOQ
Delta8-THCP	10.000	3.750000E-4	0.0015	<LOQ	<LOQ	<LOQ	<LOQ
THCB	10.000	1.800000E-4	0.00195	<LOQ	<LOQ	<LOQ	<LOQ
THCH	10.000	3.500000E-4	0.00195	<LOQ	<LOQ	<LOQ	<LOQ
THCV	10.000	7.000000E-6	0.0015	<LOQ	<LOQ	<LOQ	<LOQ
THCVA	10.000	4.700000E-5	0.0015	<LOQ	<LOQ	<LOQ	<LOQ
(±)-9β-hydroxy-HHC	10.000	7.7800E-6	0.00075	<LOQ	<LOQ	<LOQ	<LOQ
1(R)-H4-CBD	10.000	7.330000E-7	0.0015	<LOQ	<LOQ	<LOQ	<LOQ
1(S)-H4-CBD	10.000	6.630000E-7	0.0015	<LOQ	<LOQ	<LOQ	<LOQ
9(R)-HHCP	10.000	3.0900E-5	0.00075	<LOQ	<LOQ	<LOQ	<LOQ
9(S)-HHCP	10.000	2.5500E-5	0.00075	<LOQ	<LOQ	<LOQ	<LOQ
H2-CBD	10.000	2.480000E-4	0.00075	<LOQ	<LOQ	<LOQ	<LOQ
H2-CBD	10.000	1.440000E-7	0.00075	<LOQ	<LOQ	<LOQ	<LOQ
Aixia Sun Lab Director/Principal Scientist							
Total Active THC	10.000			1.51	0.151	7.55	113
D.H.Sc., M.Sc., B.Sc., MT (AAB)							
Total Active CBD	10.000			0.13	0.0130	0.650	9.75

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41 enterprise dr
Unit 101
Bunnell, Florida 32110

Manufacturing Facility:

RA Royal
41 enterprise dr
Unit 101
Bunnell, Florida 32110

Order Details:

Order # RAR260401-120001
Order Date: 2026-04-01
Sample # AAHO858
Orig. Completion Date:
2026-04-10

Batch Data:

Batch # 260319127
Batch Date: 2026-03-18
Extracted From: Hemp
Sampling Date: 2026-04-06
Lab Batch Date: 2026-04-06

Food Permits:

Permit #: 397102

Initial Gross Weight:
120.400 g

Net Weight per Package:
75000.000 mg

Net Weight per Serving:
5000 mg

Servings Per Package:
15



Microbiology Plating Multi State

Specimen Weight: 990.600 mg

Passed
SOP13.003 (Petrifilm)

Dilution Factor: 1.000

Analyte	LOQ (cfu/g)	Action Level (cfu/g)	Result (cfu/g)	Analyte	LOQ (cfu/g)	Action Level (cfu/g)	Result (cfu/g)
			Total Yeast/Mold		1000	100000	<1000



Pathogenic Microbiology SAE (MicroArray) Multi State

Specimen Weight: 1038.700 mg

Passed
SOP13.019 (Micro Array)

Dilution Factor: 1.000

Analyte	Action Level (cfu/g)	Result (cfu/g)	Analyte	Action Level (cfu/g)	Result (cfu/g)
Aspergillus flavus	1	Absence in 1g	E. Coli	1	Absence in 1g
Aspergillus fumigatus	1	Absence in 1g	Salmonella	1	Absence in 1g
Aspergillus niger	1	Absence in 1g	Shiga toxin-producing E. coli (STEC)	1	Absence in 1g
Aspergillus terreus	1	Absence in 1g			

Aixia Sun

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

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Unit 101
Bunnell, Florida 32110

Order Details:

Order # RAR260401-120001
Order Date: 2026-04-01
Sample # AAHO858
Orig. Completion Date:
2026-04-10

Batch Data:

Batch # 260319127
Batch Date: 2026-03-18
Extracted From: Hemp
Sampling Date: 2026-04-06
Lab Batch Date: 2026-04-06

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120.400 g

Net Weight per Package:
75000.000 mg

Net Weight per Serving:
5000 mg

Servings Per Package:
15



Heavy Metals Multi State - Ingestion

Specimen Weight: 251.670 mg

Passed

SOP13.048 (ICP-MS)

Dilution Factor: 198.673

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Arsenic (As)	0.013	100	1500	<LOQ	Lead (Pb)	0.007	100	500	<LOQ
Cadmium (Cd)	0.003	100	500	<LOQ	Mercury (Hg)	0.016	100	3000	<LOQ



Mycotoxins Multi State

Specimen Weight: 600.900 mg

Passed

SOP13.007 (LCMS/GCMS)

Dilution Factor: 2.500

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Aflatoxin B1	0.304	4.9	20	<LOQ	Aflatoxin G2	0.271	4.9	20	<LOQ
Aflatoxin B2	0.077	4.9	20	<LOQ	Aflatoxin Total	0.077	4.9	20	<LOQ
Aflatoxin G1	0.304	4.9	20	<LOQ	Ochratoxin A	0.754	9.8	20	<LOQ



Residual Solvents- FL+GA

Specimen Weight: 15.000 mg

Passed

SOP13.039 (GCMS-HS)

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	0.009	1.6	8	<LOQ	Heptane	0.001	13.9	5000	<LOQ
1,2-Dichloroethane	0.000	0.4	2	<LOQ	Hexane	0.068	11.7	250	<LOQ
Acetone	0.015	20.8	750	<LOQ	Isopropyl alcohol	0.005	13.9	500	<LOQ
Acetonitrile	0.060	11.7	60	<LOQ	Methanol	0.001	6.9	250	<LOQ
Benzene	0.000	0.2	1	<LOQ	Methylene chloride	0.003	24.3	125	<LOQ
Butane	0.417	25	5000	<LOQ	Pentane	0.037	20.8	750	<LOQ
Chloroform	0.000	0.4	2	<LOQ	Propane	0.031	58.3	5000	<LOQ
Ethanol	0.002	27.8	5000	<LOQ	Toluene	0.001	29.2	150	<LOQ
Ethyl Acetate	0.001	11.1	400	<LOQ	Total Xylenes	0.000	29.2	150	<LOQ
Ethyl Ether	0.005	13.9	500	<LOQ	Trichloroethylene	0.001	4.9	25	<LOQ
Ethylene Oxide	0.004	1	5	<LOQ					

Aixia Sun
Aixia Sun Lab Director/Principal Scientist
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Pesticides - FL+ GA - Ingestion **Passed**
Specimen Weight: 600.900 mg SOP13.007 (LCMS/GCMS)

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Abamectin	0.399	23.3	300	<LOQ	Fludioxonil	0.360	24.8	3000	<LOQ
Acephate	0.141	24.8	3000	<LOQ	Hexythiazox	0.113	24.8	2000	<LOQ
Acequinocyl	2.178	24.8	2000	<LOQ	Imazalil	0.258	24.8	100	<LOQ
Acetamiprid	0.140	24.8	3000	<LOQ	Imidacloprid	0.402	24.8	3000	<LOQ
Aldicarb	0.203	24.8	100	<LOQ	Kresoxim Methyl	0.182	24.8	1000	<LOQ
Azoxystrobin	0.188	24.8	3000	<LOQ	Malathion	0.223	24.8	2000	<LOQ
Bifenazate	0.086	24.8	3000	<LOQ	Metaxyl	0.270	24.8	3000	<LOQ
Bifenthrin	0.100	24.8	500	<LOQ	Methiocarb	0.118	24.8	100	<LOQ
Boscalid	0.595	24.8	3000	<LOQ	Methomyl	0.064	24.8	100	<LOQ
Captan	6.430	323	3000	<LOQ	methyl-Parathion	2.390	24.8	100	<LOQ
Carbaryl	0.122	24.8	500	<LOQ	Mevinphos	0.093	24.8	100	<LOQ
Carbofuran	0.086	24.8	100	<LOQ	Myclobutanil	0.573	24.8	3000	<LOQ
Chlorantraniliprole	0.084	24.8	3000	<LOQ	Naled	0.069	24.8	500	<LOQ
Chlordane	9.671	24.8	100	<LOQ	Oxamyl	0.041	24.8	500	<LOQ
Chlorfenapyr	1.500	24.8	100	<LOQ	Paclobutrazol	0.186	24.8	100	<LOQ
Chlormequat Chloride	0.205	24.8	3000	<LOQ	Pentachloronitrobenzene	7.950	24.8	200	<LOQ
Chlorpyrifos	0.109	24.8	100	<LOQ	Permethrin	0.624	24.8	1000	<LOQ
Clofentezine	0.212	24.8	500	<LOQ	Phosmet	0.127	24.8	200	<LOQ
Coumaphos	0.206	24.8	100	<LOQ	Piperonylbutoxide	0.149	24.8	3000	<LOQ
Cyfluthrin	0.980	24.8	1000	<LOQ	Prallethrin	1.476	24.8	400	<LOQ
Cypermethrin	0.985	24.8	1000	<LOQ	Propiconazole	0.294	24.8	1000	<LOQ
Daminozide	1.655	24.8	100	<LOQ	Propoxur	0.100	24.8	100	<LOQ
Diazinon	0.212	24.8	100	<LOQ	Pyrethrins	0.067	12.9	1000	<LOQ
Dichlorvos	1.130	24.8	100	<LOQ	Pyridaben	0.140	24.8	200	<LOQ
Dimethoate	0.063	24.8	100	<LOQ	Spinetoram	0.424	24.8	3000	<LOQ
Dimethomorph	2.581	24.8	3000	<LOQ	Spinosad	0.134	24.8	3000	<LOQ
Ethoprophos	0.151	24.8	100	<LOQ	Spiromesifen	0.120	24.8	3000	<LOQ
Etofenprox	0.172	24.8	100	<LOQ	Spirotetramat	0.211	24.8	3000	<LOQ
Etoxazole	0.866	24.8	1500	<LOQ	Spiroxamine	0.533	24.8	100	<LOQ
Fenhexamid	0.588	24.8	3000	<LOQ	Tebuconazole	0.230	24.8	1000	<LOQ
Fenoxycarb	0.274	24.8	100	<LOQ	Thiacloprid	0.170	24.8	100	<LOQ
Fenpyroximate	0.198	24.8	2000	<LOQ	Thiamethoxam	0.179	24.8	1000	<LOQ
Fipronil	0.317	24.8	100	<LOQ	Trifloxystrobin	0.705	24.8	3000	<LOQ
Fonicamid	0.466	24.8	2000	<LOQ					

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Product Image

Potency Tested

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Mycotoxins Passed

Residual Solvents Passed

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Microbiology Petrifilm Passed

Filtration and Foreign Passed

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Potency (GA) LCUV + Potency 25 (LCUV) + HHCP - Multi State **Tested** SOP13.001,SOP13.050 (LCUV,LCMS)
Specimen Weight: 1511.800 mg

Pieces For Panel: 15

Analyte	Dilution (1:n)	LOD (mg/g)	LOQ (%)	Result (mg/g)	(%)	Per Serving (mg)	Per Package (mg)
CBG	10.000	2.480000E-4	0.0015	5.2100	0.521	26.1	391
Total HHC	10.000		0.00075	117.075	0.156	585	8780
Delta-9 THC	10.000	1.300000E-5	0.0015	1.5100	0.151	7.55	113
(9R)-HHC	10.000	3.6600E-6	0.00075	0.9150	0.0915	4.58	68.6
(9S)-HHC	10.000	6.6000E-6	0.00075	0.6460	0.0646	3.23	48.5
Delta9-THCP	10.000	1.170000E-5	0.0012	0.4100	0.0410	2.05	30.8
CBD	10.000	5.400000E-5	0.0015	0.1300	0.0130	0.650	9.75
CBT	10.000	2.000000E-4	0.0015	0.0300	0.00300	0.150	2.25
CBN	10.000	1.400000E-5	0.0015	0.0200	0.00200	0.100	1.50
CBCA	10.000	1.070000E-4	0.0015	0.0200	0.00200	0.100	1.50
CBC	10.000	2.760000E-5	0.00075	0.0129	0.00130	0.0645	0.968
Delta-9 THC methyl ether	10.000	1.600000E-4	0.00075	0.0124	0.00120	0.0620	0.930
CBDA	10.000	1.000000E-5	0.0015	<LOQ	<LOQ	<LOQ	<LOQ
CBGA	10.000	8.000000E-5	0.0015	<LOQ	<LOQ	<LOQ	<LOQ
Delta-10 THC	10.000	3.000E-6	0.0015	<LOQ	<LOQ	<LOQ	<LOQ
Delta-8 THC	10.000	2.600000E-5	0.0015	<LOQ	<LOQ	<LOQ	<LOQ
Delta-9 THC-O Acetate	10.000	7.700000E-5	0.003	<LOQ	<LOQ	<LOQ	<LOQ
Exo-THC	10.000	2.300000E-4	0.0015	<LOQ	<LOQ	<LOQ	<LOQ
THCA-A	10.000	3.200000E-5	0.0015	<LOQ	<LOQ	<LOQ	<LOQ
CBDV	10.000	6.500000E-5	0.0015	<LOQ	<LOQ	<LOQ	<LOQ
CBDVA	10.000	1.400000E-5	0.0015	<LOQ	<LOQ	<LOQ	<LOQ
CBL	10.000	3.500000E-5	0.0015	<LOQ	<LOQ	<LOQ	<LOQ
CBNA	10.000	9.500000E-5	0.0015	<LOQ	<LOQ	<LOQ	<LOQ
Delta-8 THC-O Acetate	10.000	2.700000E-5	0.003	<LOQ	<LOQ	<LOQ	<LOQ
Delta-8 THCV	10.000	4.000000E-5	0.0015	<LOQ	<LOQ	<LOQ	<LOQ
Delta8-THCP	10.000	3.750000E-4	0.0015	<LOQ	<LOQ	<LOQ	<LOQ
THCB	10.000	1.800000E-4	0.00195	<LOQ	<LOQ	<LOQ	<LOQ
THCH	10.000	3.500000E-4	0.00195	<LOQ	<LOQ	<LOQ	<LOQ
THCV	10.000	7.000000E-6	0.0015	<LOQ	<LOQ	<LOQ	<LOQ
THCVA	10.000	4.700000E-5	0.0015	<LOQ	<LOQ	<LOQ	<LOQ
(±)-9β-hydroxy-HHC	10.000	7.7800E-6	0.00075	<LOQ	<LOQ	<LOQ	<LOQ
1(R)-H4-CBD	10.000	7.330000E-7	0.0015	<LOQ	<LOQ	<LOQ	<LOQ
1(S)-H4-CBD	10.000	6.630000E-7	0.0015	<LOQ	<LOQ	<LOQ	<LOQ
9(R)-HHCP	10.000	3.0900E-5	0.00075	<LOQ	<LOQ	<LOQ	<LOQ
9(S)-HHCP	10.000	2.5500E-5	0.00075	<LOQ	<LOQ	<LOQ	<LOQ
H2-CBD	10.000	2.480000E-4	0.00075	<LOQ	<LOQ	<LOQ	<LOQ
H2-CBD	10.000	1.440000E-7	0.00075	<LOQ	<LOQ	<LOQ	<LOQ
Total Active THC	10.000			1.51	0.151	7.55	113
Total Active CBD	10.000			0.13	0.0130	0.650	9.75

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

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Certificate of Analysis
Compliance Test
Georgia

Client Information:

RA Royal
41 enterprise dr
Unit 101
Bunnell, Florida 32110

Manufacturing Facility:

RA Royal
41 enterprise dr
Unit 101
Bunnell, Florida 32110

Order Details:

Order # RAR260401-120001
Order Date: 2026-04-01
Sample # AAHO858
Orig. Completion Date:
2026-04-10

Batch Data:

Batch # 260319127
Batch Date: 2026-03-18
Extracted From: Hemp
Sampling Date: 2026-04-06
Lab Batch Date: 2026-04-06

Food Permits:

Permit #: 397102

Initial Gross Weight:
120.400 g

Net Weight per Package:
75000.000 mg

Net Weight per Serving:
5000 mg

Servings Per Package:
15

Microbiology Plating Multi State **Passed**
SOP13.003 (Petrifilm)

Specimen Weight: 990.600 mg

Dilution Factor: 1.000

Analyte	LOQ (cfu/g)	Action Level (cfu/g)	Result (cfu/g)	Analyte	LOQ (cfu/g)	Action Level (cfu/g)	Result (cfu/g)
Bile tolerant gram-negative bacteria	100	1000	<100	Total Yeast/Mold	1000	10000	<1000
Total Aerobic Count	1000	100000	<1000				

Filth And Foreign Materials - Multi State **Passed**
SOP13.020 (Electronic Balance)

Specimen Weight: 1511.800 mg

Dilution Factor: 1.000

Analyte	Action Level (%)	Result (%)	Analyte	Action Level (%)	Result (%)
Covered Area	10	0.000	Weight %	1	0.000
Feces	0.5	0.000			

Pathogenic Microbiology SAE (MicroArray) Multi State **Passed**
SOP13.019 (Micro Array)

Specimen Weight: 1038.700 mg

Dilution Factor: 1.000

Analyte	Action Level (cfu/g)	Result (cfu/g)	Analyte	Action Level (cfu/g)	Result (cfu/g)
Aspergillus flavus	1	Absence in 1g	Shiga toxin-producing E. coli (STEC)	1	Absence in 1g
Aspergillus fumigatus	1	Absence in 1g			
Aspergillus niger	1	Absence in 1g			
Aspergillus terreus	1	Absence in 1g			

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Certificate of Analysis
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Georgia

Client Information: RA Royal 41 enterprise dr Unit 101 Bunnell, Florida 32110	Manufacturing Facility: RA Royal 41 enterprise dr Unit 101 Bunnell, Florida 32110	Order Details: Order # RAR260401-120001 Order Date: 2026-04-01 Sample # AAHO858 Orig. Completion Date: 2026-04-10	Batch Data: Batch # 260319127 Batch Date: 2026-03-18 Extracted From: Hemp Sampling Date: 2026-04-06 Lab Batch Date: 2026-04-06	Food Permits: Permit #: 397102
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Initial Gross Weight: 120.400 g	Net Weight per Package: 75000.000 mg	Net Weight per Serving: 5000 mg	Servings Per Package: 15
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Heavy Metals Multi State - Ingestion **Passed**
SOP13.048 (ICP-MS)

Specimen Weight: 251.670 mg

Dilution Factor: 198.673

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Arsenic (As)	0.013	100	500	<LOQ	Lead (Pb)	0.007	100	500	<LOQ
Cadmium (Cd)	0.003	100	500	<LOQ	Mercury (Hg)	0.016	100	500	<LOQ

Mycotoxins Multi State **Passed**
SOP13.007 (LCMS/GCMS)

Specimen Weight: 600.900 mg

Dilution Factor: 2.500

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Aflatoxin B1	0.304	4.9	20	<LOQ	Aflatoxin G2	0.271	4.9	20	<LOQ
Aflatoxin B2	0.077	4.9	20	<LOQ	Ochratoxin A	0.754	9.8	20	<LOQ
Aflatoxin G1	0.304	4.9	20	<LOQ					

Residual Solvents- FL+GA **Passed**
SOP13.039 (GCMS-HS)

Specimen Weight: 15.000 mg

Dilution Factor: 1.000

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Butane	416.700	25000	800000	<LOQ	Heptane	1.300	13900	500000	<LOQ
Ethanol	2.100	27800	5000000	<LOQ	Hexane	67.800	11700	100000	<LOQ

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Compliance Test
Georgia

Client Information:

RA Royal
41 enterprise dr
Unit 101
Bunnell, Florida 32110

Manufacturing Facility:

RA Royal
41 enterprise dr
Unit 101
Bunnell, Florida 32110

Order Details:

Order # RAR260401-120001
Order Date: 2026-04-01
Sample # AAHO858
Orig. Completion Date:
2026-04-10

Batch Data:

Batch # 260319127
Batch Date: 2026-03-18
Extracted From: Hemp
Sampling Date: 2026-04-06
Lab Batch Date: 2026-04-06

Food Permits:

Permit #: 397102

Initial Gross Weight:
120.400 g

Net Weight per Package:
75000.000 mg

Net Weight per Serving:
5000 mg

Servings Per Package:
15

Pesticides - FL+ GA - Ingestion
Specimen Weight: 600.900 mg

Passed
SOP13.007 (LCMS/GCMS)

Dilution Factor: 2.500

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Abamectin	0.399	100	100	<LOQ	Fludioxonil	0.360	100	100	<LOQ
Acephate	0.141	100	100	<LOQ	Hexythiazox	0.113	100	100	<LOQ
Acequinocyl	2.178	100	100	<LOQ	Imazalil	0.258	100	100	<LOQ
Acetamiprid	0.140	100	100	<LOQ	Imidacloprid	0.402	100	100	<LOQ
Aldicarb	0.203	100	100	<LOQ	Kresoxim Methyl	0.182	100	100	<LOQ
Azoxystrobin	0.188	100	100	<LOQ	Malathion	0.223	100	100	<LOQ
Bifenazate	0.086	100	100	<LOQ	Metaxyl	0.270	100	100	<LOQ
Bifenthrin	0.100	100	100	<LOQ	Methiocarb	0.118	100	100	<LOQ
Boscalid	0.595	100	100	<LOQ	Methomyl	0.064	100	100	<LOQ
Carbaryl	0.122	100	100	<LOQ	Mevinphos	0.093	100	100	<LOQ
Carbofuran	0.086	100	100	<LOQ	Myclobutanil	0.573	100	100	<LOQ
Chlorantraniliprole	0.084	100	100	<LOQ	Oxamyl	0.041	100	100	<LOQ
Chlordane	9.671	100	100	<LOQ	Paclobutrazol	0.186	100	100	<LOQ
Chlorpyrifos	0.109	100	100	<LOQ	Permethrin	0.624	100	100	<LOQ
Coumaphos	0.206	100	100	<LOQ	Phosmet	0.127	100	100	<LOQ
Cyfluthrin	0.980	100	100	<LOQ	Piperonylbutoxide	0.149	100	100	<LOQ
Cypermethrin	0.985	100	100	<LOQ	Prallethrin	1.476	100	100	<LOQ
Daminozide	1.655	100	100	<LOQ	Propiconazole	0.294	100	100	<LOQ
Diazinon	0.212	100	100	<LOQ	Propoxur	0.100	100	100	<LOQ
Dichlorvos	1.130	100	100	<LOQ	Pyridaben	0.140	100	100	<LOQ
Dimethoate	0.063	100	100	<LOQ	Spinetoram	0.424	100	100	<LOQ
Dimethomorph	2.581	100	100	<LOQ	Spiromesifen	0.120	100	100	<LOQ
Ethoprophos	0.151	100	100	<LOQ	Spirotetramat	0.211	100	100	<LOQ
Etofenprox	0.172	100	100	<LOQ	Spiroxamine	0.533	100	100	<LOQ
Etoxazole	0.866	100	100	<LOQ	Tebuconazole	0.230	100	100	<LOQ
Fenhexamid	0.588	100	100	<LOQ	Thiacloprid	0.170	100	100	<LOQ
Fenoxycarb	0.274	100	100	<LOQ	Thiamethoxam	0.179	100	100	<LOQ
Fipronil	0.317	100	100	<LOQ	Trifloxystrobin	0.705	100	100	<LOQ
Flonicamid	0.466	100	100	<LOQ					

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