

Certificate of Analysis
Compliance Test
Florida

500mg Blend Orange Drip
Sample Matrix:
HEMP
Extract
Ingestion



Client Information: RA Royal 41 enterprise dr Unit 101 Bunnell, Florida 32110	Manufacturing Facility: RA Royal 41 enterprise dr Unit 101 Bunnell, Florida 32110 Production Date: 2026-02-01	Order Details: Order # RAR260303-060001 Order Date: 2026-03-03 Sample # AAHM457 Completion Date: 2026-03-11	Batch Data: Batch # 260202023 Batch Date: 2026-02-01 Extracted From: Hemp Sampling Date: 2026-03-05 Lab Batch Date: 2026-03-05	Food Permits: Permit #: 397102
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Initial Gross Weight: 189.100 g	Net Weight per Package: 150000.000 mg	Net Weight per Serving: 5000 mg	Servings Per Package: 30
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Product Image

 **Potency Tested**

 **Pesticides Passed**

 **Heavy Metals Passed**

 **Mycotoxins Passed**

 **Residual Solvents Passed**

 **Pathogenic Microbiology Passed**

 **Microbiology Petrifilm Passed**

Potency Summary

Total HHC	0.767%	Delta 9 THC	<LOQ
per Serving	38.4 mg	per Serving	0.00 mg
per Package	1150 mg	per Package	0.00 mg
Total Active CBD	<LOQ	Total CBG	<LOQ
per Serving	0.00 mg	per Serving	0.00 mg
per Package	0.00 mg	per Package	0.00 mg
Total CBN	0.0200%	Total Cannabinoids	3.06%
per Serving	1.00 mg	per Serving	153 mg
per Package	30.0 mg	per Package	4590 mg
Total Active THC	<LOQ		
per Serving	0.00 mg		
per Package	0.00 mg		

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 Active CBD = CBD + (CBD-A * 0.877), *Total CBDV = CBDV + (CBDVA * 0.867), Total Active THC = THCA-A * 0.877 + Delta 9 THC, 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, (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 Kilogram, The results apply to the sample as received.

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Initial Gross Weight: 189.100 g	Net Weight per Package: 150000.000 mg	Net Weight per Serving: 5000 mg	Servings Per Package: 30
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Potency(GA)+THCP **Tested** SOP13.001,SOP13.050 (LCUV,LCMS)
Specimen Weight: 1520.700 mg

Pieces For Panel: 30

Analyte	LOD (mg/g)	LOQ (%)	Result (mg/g)	(%)	Per Serving (mg)	Per Package (mg)
Delta-8 THC	0.000026	0.0125	21.740	2.17	109	3260
Delta9-THCP	0.0000117	0.01	0.960	0.0960	4.80	144
CBN	0.000014	0.0125	0.200	0.0200	1.00	30.0
CBD	0.0000540	0.0125	<LOQ	<LOQ	<LOQ	<LOQ
CBDA	0.000001	0.0125	<LOQ	<LOQ	<LOQ	<LOQ
CBG	0.000248	0.0125	<LOQ	<LOQ	<LOQ	<LOQ
CBGA	0.000008	0.0125	<LOQ	<LOQ	<LOQ	<LOQ
Delta-10 THC	0.0000003	0.0125	<LOQ	<LOQ	<LOQ	<LOQ
Delta-9 THC	0.000013	0.0125	<LOQ	<LOQ	<LOQ	<LOQ
Delta-9 THC-O Acetate	0.000077	0.025	<LOQ	<LOQ	<LOQ	<LOQ
Delta8-THCP	0.000375	0.0125	<LOQ	<LOQ	<LOQ	<LOQ
Exo-THC	0.00023	0.0125	<LOQ	<LOQ	<LOQ	<LOQ
THCA-A	0.000032	0.0125	<LOQ	<LOQ	<LOQ	<LOQ
Total Active THC			<LOQ	<LOQ	<LOQ	<LOQ
Total Active CBD			<LOQ	<LOQ	<LOQ	<LOQ

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Microbiology Plating Multi State **Passed**
Specimen Weight: 999.600 mg 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 **Passed**
Specimen Weight: 1011.100 mg 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	Escherichia coli specific gene	1	Absence in 1g
Aspergillus niger	1	Absence in 1g	Salmonella	1	Absence in 1g
Aspergillus terreus	1	Absence in 1g	Shiga toxin-producing E. coli (STEC)	1	Absence in 1g

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H Metals- FL+GA - Ingestion **Passed**
Specimen Weight: 245.700 mg SOP13.048 (ICP-MS)

Dilution Factor: 203.500

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 **Passed**
Specimen Weight: 599.200 mg 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

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Residual Solvents- FL+GA **Passed**
Specimen Weight: 15.200 mg 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					

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Pesticides - FL+ GA - Ingestion **Passed**
Specimen Weight: 599.200 mg 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	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	Metaxalyl	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
Clofentazine	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	200	<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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Filtration Passed

Potency Summary

Total HHC	0.767%	Delta 9 THC	<LOQ
per Serving	38.4 mg	per Serving	0.00 mg
per Package	1150 mg	per Package	0.00 mg
Total Active CBD	<LOQ	Total CBG	<LOQ
per Serving	0.00 mg	per Serving	0.00 mg
per Package	0.00 mg	per Package	0.00 mg
Total CBN	0.0200%	Total Cannabinoids	3.06%
per Serving	1.00 mg	per Serving	153 mg
per Package	30.0 mg	per Package	4590 mg
Total Active THC	<LOQ		
per Serving	0.00 mg		
per Package	0.00 mg		

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Delta9-THCP	0.0000117	0.01	0.960	0.0960	4.80	144
CBN	0.000014	0.0125	0.200	0.0200	1.00	30.0
CBD	0.0000540	0.0125	<LOQ	<LOQ	<LOQ	<LOQ
CBDA	0.000001	0.0125	<LOQ	<LOQ	<LOQ	<LOQ
CBG	0.000248	0.0125	<LOQ	<LOQ	<LOQ	<LOQ
CBGA	0.000008	0.0125	<LOQ	<LOQ	<LOQ	<LOQ
Delta-10 THC	0.0000003	0.0125	<LOQ	<LOQ	<LOQ	<LOQ
Delta-9 THC	0.000013	0.0125	<LOQ	<LOQ	<LOQ	<LOQ
Delta-9 THC-O Acetate	0.000077	0.025	<LOQ	<LOQ	<LOQ	<LOQ
Delta8-THCP	0.000375	0.0125	<LOQ	<LOQ	<LOQ	<LOQ
Exo-THC	0.00023	0.0125	<LOQ	<LOQ	<LOQ	<LOQ
THCA-A	0.000032	0.0125	<LOQ	<LOQ	<LOQ	<LOQ
Total Active THC			<LOQ	<LOQ	<LOQ	<LOQ
Total Active CBD			<LOQ	<LOQ	<LOQ	<LOQ

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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 Production Date: 2026-02-01	Order Details: Order # RAR260303-060001 Order Date: 2026-03-03 Sample # AAHM457 Completion Date: 2026-03-11	Batch Data: Batch # 260202023 Batch Date: 2026-02-01 Extracted From: Hemp Sampling Date: 2026-03-05 Lab Batch Date: 2026-03-05	Food Permits: Permit #: 397102
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Initial Gross Weight: 189.100 g	Net Weight per Package: 150000.000 mg	Net Weight per Serving: 5000 mg	Servings Per Package: 30
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Microbiology Plating Multi State **Passed**
Specimen Weight: 999.600 mg 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)
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**
Specimen Weight: N/A Dilution Factor: 1.000 SOP13.020 (Electronic Balance)

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**
Specimen Weight: 1011.100 mg 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	Escherichia coli specific gene	1	Absence in 1g
Aspergillus fumigatus	1	Absence in 1g	Shiga toxin-producing E. coli (STEC)	1	Absence in 1g
Aspergillus niger	1	Absence in 1g			
Aspergillus terreus	1	Absence in 1g			

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Certificate of Analysis
Compliance Test
Georgia

500mg Blend Orange Drip
Sample Matrix:
HEMP
Extract
Ingestion



Client Information:

RA Royal
41 enterprise dr
Unit 101
Bunnell, Florida 32110

Manufacturing Facility:

RA Royal
41 enterprise dr
Unit 101
Bunnell, Florida 32110
Production Date: 2026-02-01

Order Details:

Order # RAR260303-060001
Order Date: 2026-03-03
Sample # AAHM457
Completion Date: 2026-03-11

Batch Data:

Batch # 260202023
Batch Date: 2026-02-01
Extracted From: Hemp
Sampling Date: 2026-03-05
Lab Batch Date: 2026-03-05

Food Permits:

Permit #: 397102

Initial Gross Weight:
189.100 g

Net Weight per Package:
150000.000 mg

Net Weight per Serving:
5000 mg

Servings Per Package:
30

H Metals- FL+GA - Ingestion

Specimen Weight: 245.700 mg

Passed
SOP13.048 (ICP-MS)

Dilution Factor: 203.500

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

Specimen Weight: 599.200 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	Ochratoxin A	0.754	9.8	20	<LOQ
Aflatoxin G1	0.304	4.9	20	<LOQ					

HHCP HHCP - Multi State

Specimen Weight: 1520.700 mg

Tested
SOP13.001,SOP13.050 (LCUV,LCMS)

Dilution Factor: 10000.000

Analyte	LOD (%)	LOQ (%)	Result (mg/g)	(%)	Analyte	LOD (%)	LOQ (%)	Result (mg/g)	(%)
(9R)-HHC	0.000	0.00075	5.4800	0.548	CBC	0.000	0.00075	<LOQ	<LOQ
(9S)-HHC	0.000	0.00075	2.1300	0.213	Delta-8 THC methyl ether	0.000	0.00075	0.0747	0.00747
(±)-9β-hydroxy-HHC	0.000	0.00075	0.0155	0.00155	Delta-9 THC methyl ether	0.000	0.00075	0.6200	0.062
1(R)-H4-CBD	0.000	0.0015	<LOQ	<LOQ	H2-CBD	0.000	0.00075	<LOQ	<LOQ
1(S)-H4-CBD	0.000	0.0015	<LOQ	<LOQ	H4-CBD	0.002	0.15	<LOQ	<LOQ
9(R)-HHCP	0.000	0.00075	0.0366	0.00366	Total HHC		0.00075	7.6696	0.76696
9(S)-HHCP	0.000	0.00075	0.0075	0.00075					

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Residual Solvents- FL+GA										Passed
Specimen Weight: 15.200 mg										SOP13.039 (GCMS-HS)
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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Pesticides - FL+ GA - Ingestion **Passed**
Specimen Weight: 599.200 mg 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	23.3	100	<LOQ	Fludioxonil	0.360	24.8	100	<LOQ
Acephate	0.141	24.8	100	<LOQ	Hexythiazox	0.113	24.8	100	<LOQ
Acequinocyl	2.178	24.8	100	<LOQ	Imazalil	0.258	24.8	100	<LOQ
Acetamiprid	0.140	24.8	100	<LOQ	Imidacloprid	0.402	24.8	100	<LOQ
Aldicarb	0.203	24.8	100	<LOQ	Kresoxim Methyl	0.182	24.8	100	<LOQ
Azoxystrobin	0.188	24.8	100	<LOQ	Malathion	0.223	24.8	100	<LOQ
Bifenazate	0.086	24.8	100	<LOQ	Metaxylal	0.270	24.8	100	<LOQ
Bifenthrin	0.100	24.8	100	<LOQ	Methiocarb	0.118	24.8	100	<LOQ
Carbaryl	0.122	24.8	100	<LOQ	Methomyl	0.064	24.8	100	<LOQ
Carbofuran	0.086	24.8	100	<LOQ	Mevinphos	0.093	24.8	100	<LOQ
Chlorantraniliprole	0.084	24.8	100	<LOQ	Myclobutanil	0.573	24.8	100	<LOQ
Chlordane	9.671	24.8	100	<LOQ	Oxamyl	0.041	24.8	100	<LOQ
Chlorpyrifos	0.109	24.8	100	<LOQ	Paclobutrazol	0.186	24.8	100	<LOQ
Coumaphos	0.206	24.8	100	<LOQ	Permethrin	0.624	24.8	100	<LOQ
Cyfluthrin	0.980	24.8	100	<LOQ	Phosmet	0.127	24.8	100	<LOQ
Cypermethrin	0.985	24.8	100	<LOQ	Piperonylbutoxide	0.149	24.8	100	<LOQ
Daminozide	1.655	24.8	100	<LOQ	Prallethrin	1.476	24.8	100	<LOQ
Dichlorvos	1.130	24.8	100	<LOQ	Propiconazole	0.294	24.8	100	<LOQ
Dimethoate	0.063	24.8	100	<LOQ	Propoxur	0.100	24.8	100	<LOQ
Dimethomorph	2.581	24.8	100	<LOQ	Pyridaben	0.140	24.8	100	<LOQ
Ethoprophos	0.151	24.8	100	<LOQ	Spinetoram	0.424	24.8	100	<LOQ
Etofenprox	0.172	24.8	100	<LOQ	Spiromesifen	0.120	24.8	100	<LOQ
Etoazole	0.866	24.8	100	<LOQ	Spirotetramat	0.211	24.8	100	<LOQ
Fenhexamid	0.588	24.8	100	<LOQ	Spiroxamine	0.533	24.8	100	<LOQ
Fenoxycarb	0.274	24.8	100	<LOQ	Tebuconazole	0.230	24.8	100	<LOQ
Fipronil	0.317	24.8	100	<LOQ	Thiacloprid	0.170	24.8	100	<LOQ
Fonicamid	0.466	24.8	100	<LOQ	Thiamethoxam	0.179	24.8	100	<LOQ
					Trifloxystrobin	0.705	24.8	100	<LOQ

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