



Smithers CTS NJ LLC
16000 Horizon Way, Suite 700
Mount Laurel, NJ 08054
Accreditation #: 103104
Certificate #: L22-543-4-R2



Customer: Curaleaf HEMP
Address: 2375 Fortune Lexington, KY 40509
Phone: 954-696-7791
License #: KY License/Permit:
KYF0050107644. This facility meets the human
health and food safety sanitization
requirements of the Kentucky Cabinet for
Health and Family Services as documented by
KYCHFS.



Sample ID: 17661
Sample Name: Sour Strawberry Lemonade
Sample Type: Gummy
Sample Received: 09/19/2024
Report Date: 09/25/2025
Client Batch ID: FAGMY-025
Unit Weight (g): 5

Results Summary

Cannabinoids

09/21/2024

TESTED

Amended Report Notes

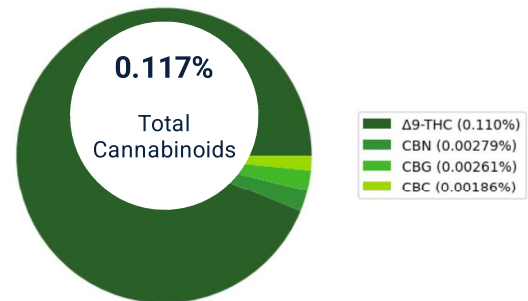
Amended to include regulatory food safety statement.

Certificate of Analysis

Amended 09/25/2025



Cannabinoid Distribution (%)



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Certificate of Analysis

Amended 09/25/2025

Cannabinoids

Date Started: 09/19/2024
Instrument: HPLC

Date Completed: 09/21/2024
Method: TP-10.001.01 & TP-10.002.01

Analyst: Kevin Stevens
Deviation: N/A

Cannabinoid	Result (%)	Result (mg/serving)	Result (mg/package)	LOD (mg/serving)	LOQ (mg/serving)
Δ9-THC	0.110	5.48	54.8	0.0292	0.0964
CBN	0.00279	0.140	1.40	0.0146	0.0482
CBG	0.00261	0.131	1.31	0.0146	0.0482
CBC	0.00186	0.0929	0.929	0.0146	0.0482
Δ9-THCV	<LOQ	<LOQ	<LOQ	0.0146	0.0482
CBD	<LOQ	<LOQ	<LOQ	0.0146	0.0482
THCVA	ND	ND	ND	0.0146	0.0482
CBGA	ND	ND	ND	0.0146	0.0482
CBDVA	ND	ND	ND	0.0146	0.0482
CBDV	ND	ND	ND	0.0146	0.0482
CBDA	ND	ND	ND	0.0146	0.0482
*CBNA	ND	ND	ND	0.0146	0.0482
Δ8-THC	ND	ND	ND	0.0292	0.0964
CBL	ND	ND	ND	0.0292	0.0964
THCA	ND	ND	ND	0.0146	0.0482
*CBCA	ND	ND	ND	0.0292	0.0964
Total THC	0.110	5.48	54.8		
Total CBD	<LOQ	<LOQ	<LOQ		
Total Cannabinoids	0.117	5.84	58.4		

*CBCA and CBNA are not currently included on the ISO 17025 accreditation scope

Total THC = Δ9-THC + Δ8-THC + (THCA x 0.877)

Total CBD = CBD + (CBDA x 0.877)

Total Cannabinoids = Sum of all cannabinoids without THC/CBD corrections.

LOD = Limit of Detection; LOQ = Limit of Quantitation; ND = Not Detected.

Braden Wachtmann-Smoot,
Laboratory Manager
09/25/2025

END OF REPORT

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Certificate of Analysis
Compliance Test

Client Information:

Curaleaf Hemp (KY)
2375 Fortune Drive
Lexington, Kentucky 40509Batch # FAGMY-025
Batch Date: 2024-09-17
Extracted From: Hemp

Test Reg State: Florida

Order # CUR240917-050001
Order Date: 2024-09-17
Sample # AAFY772Sampling Date: 2024-09-18
Lab Batch Date: 2024-09-18
Orig. Completion Date: 2024-09-23

Initial Gross Weight: 59.711 g

Number of Units: 1
Net Weight per Unit: 50000.000 mg

Statement of Amendment: Report format



Staphylococcus Aureus

Passed



Terpenes

Passed



Pesticides

Passed



Heavy Metals

Passed



Microbiology Petrifilm

Passed



Mycotoxins

Passed



Residual Solvents

Passed



Water Activity

Passed



Pathogenic Microbiology

Passed



Listeria Monocytogenes

Passed



Microbiology Petrifilm

Passed

Product Image

NP Terpenes
Specimen Weight: 1526.500 mgPassed
SOP13.045 (GC-MS/GC (Liquid Injection))

Dilution Factor: 20.000

Analyte	LOQ (%)	Result (mg/g)	(%)	Analyte	LOQ (%)	Result (mg/g)	(%)
(+)-Cedrol	0.002	<LOQ	<LOQ	Fenchyl Alcohol	0.002	<LOQ	<LOQ
(R)-(+)-Limonene	0.002	<LOQ	<LOQ	Gamma-Terpinene	0.002	<LOQ	<LOQ
3-Carene	0.002	<LOQ	<LOQ	Geraniol	0.002	<LOQ	<LOQ
alpha-Bisabolol	0.002	<LOQ	<LOQ	Geranyl acetate	0.002	<LOQ	<LOQ
alpha-Cedrene	0.002	<LOQ	<LOQ	Guaiol	0.002	<LOQ	<LOQ
alpha-Humulene	0.002	<LOQ	<LOQ	Hexahydrothymol	0.002	<LOQ	<LOQ
alpha-Phellandrene	0.002	<LOQ	<LOQ	Isoborneol	0.002	<LOQ	<LOQ
alpha-Pinene	0.002	<LOQ	<LOQ	Isopulegol	0.002	<LOQ	<LOQ
alpha-Terpinene	0.002	<LOQ	<LOQ	Linalool	0.002	<LOQ	<LOQ
beta-Myrcene	0.002	<LOQ	<LOQ	Nerol	0.002	<LOQ	<LOQ
beta-Pinene	0.002	<LOQ	<LOQ	Ocimene	0.00033	<LOQ	<LOQ
Borneol	0.002	<LOQ	<LOQ	Pulegone	0.002	<LOQ	<LOQ
Camphene	0.002	<LOQ	<LOQ	Sabinene	0.002	<LOQ	<LOQ
Camphors	0.006	<LOQ	<LOQ	Sabinene Hydrate	0.002	<LOQ	<LOQ
Caryophyllene oxide	0.002	<LOQ	<LOQ	Terpinolene	0.002	<LOQ	<LOQ
cis-Nerolidol	0.002	<LOQ	<LOQ	Total Terpeneol	0.00126	<LOQ	<LOQ
Eucalyptol	0.002	<LOQ	<LOQ	trans-Caryophyllene	0.002	<LOQ	<LOQ
Farnesene	0.002	<LOQ	<LOQ	trans-Nerolidol	0.002	<LOQ	<LOQ
Fenchone	0.002	<LOQ	<LOQ	Valencene	0.002	<LOQ	<LOQ

Staphylococcus Aureus
Specimen Weight: 251.800 mgNational Panel Water Activity
Specimen Weight: 0.500 gPassed
SOP13.016 (Water Activity Analyzer)

Dilution Factor: 1.000

Analyte
Staphylococcus aureusResult
Absence
Analyte
Water ActivityAction Level
(aw)
0.85
Result
(aw)
0.674

KY License/Permit: KYF0050107644. This facility meets the human health and food safety sanitization requirements of the Kentucky Cabinet for Health and Family Services as documented by KYCHFS.



Total Terpenes: 0.000%

Aixa 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. ACS uses simple acceptance criteria. Passed - Analyte/microbe is not detected or is at the level below the action limit per FL rule 64ER20-39, 5K-4.036, 5K-4.034. Failed - Analyte/microbe is at the level that equal or above the action limit per FL rule 64ER20-39, 5K-4.036, 5K-4.034. The results apply to the sample as received. Pesticides indicators: 1=FL LOD/LOQ/AL; 2= CO LOD/LOQ/AL; 3 = CO LOD/ACS CO LOQ Revised report- see statement of amendment above.

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Certificate of Analysis

Compliance Test

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2375 Fortune Drive
Lexington, Kentucky 40509
Order # CUR240917-050001
Order Date: 2024-09-17
Sample # AAFY772

Batch # FAGMY-025
Batch Date: 2024-09-17
Extracted From: Hemp

Test Reg State: Florida

Sampling Date: 2024-09-18
Lab Batch Date: 2024-09-18
Orig. Completion Date: 2024-09-23

Initial Gross Weight: 59.711 g

Number of Units: 1
Net Weight per Unit: 50000.000 mg



National Panel Listeria Monocytogenes

Specimen Weight: 1035.500 mg

Passed

SOP13.032 (qPCR)

Dilution Factor: 1.000

Analyte
Listeria Monocytogenes

Result
Absence



National Panel Bile Tolerant Gram-Negative Bacteria

Passed

SOP13.003
(Petrifilm)

Specimen Weight: 992.200 mg

Dilution Factor: 1.000

Analyte	LOQ (cfu/g)	Action Level (cfu/g)	Result (cfu/g)
Bile tolerant gram-negative bacteria	100	100000	<100



National Panel Pathogenic Microbiology SAE (MicroArray)

Passed

Specimen Weight: 1016.800 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, Fumigatus, Niger, Terreus)	1	Absence in 1g	STEC E. Coli	1	Absence in 1g
Salmonella	1	Absence in 1g			



National Panel Microbiology (Petrifilm)

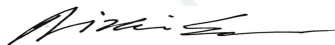
Passed

Specimen Weight: 992.200 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 Aerobic Count	1000	100000	<1000	Total Enterobacteriaceae	100	1000	<100
Total Coliform	100	1000	<100	Total Yeast/Mold	100	10000	<100



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

Definitions are found on page 1

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Lexington, Kentucky 40509

Batch # FAGMY-025
Batch Date: 2024-09-17
Extracted From: Hemp

Test Reg State: Florida

Order # CUR240917-050001
Order Date: 2024-09-17
Sample # AAFY772

Sampling Date: 2024-09-18
Lab Batch Date: 2024-09-18
Orig. Completion Date: 2024-09-23

Initial Gross Weight: 59.711 g

Number of Units: 1
Net Weight per Unit: 50000.000 mg



National Panel Mycotoxins

Specimen Weight: 604.600 mg

Passed

SOP13.059 (LCMS)

Dilution Factor: 2.480

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Aflatoxin B1	0.093	2.5	5	<LOQ	Aflatoxin G2	0.627	2.5	5	<LOQ
Aflatoxin B2	0.121	2.5	5	<LOQ	Aflatoxin Total		2.5	20	<LOQ
Aflatoxin G1	0.191	2.5	5	<LOQ	Ochratoxin A	0.638	3.5	20	<LOQ



National Panel Heavy Metals

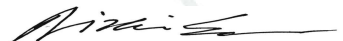
Specimen Weight: 253.700 mg

Passed

SOP13.055 (ICP-MS)

Dilution Factor: 197.083

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Antimony (Sb)	0.032	1000	120000	<LOQ	Molybdenum (Mo)	0.009	500	300000	<LOQ
Arsenic (As)	0.014	100	200	<LOQ	Nickel (Ni)	0.352	250	20000	<LOQ
Barium (Ba)	0.056	15000	140000	<LOQ	Osmium (Os)	0.003	50	10000	<LOQ
Cadmium (Cd)	0.002	100	500	<LOQ	Palladium (Pd)	0.017	50	10000	<LOQ
Chromium (Cr)	0.052	150	1100000	<LOQ	Platinum (Pt)	0.008	50	10000	<LOQ
Cobalt (Co)	0.003	150	5000	<LOQ	Rhodium (Rh)	0.003	50	10000	<LOQ
Copper (Cu)	0.059	1500	300000	<LOQ	Ruthenium (Ru)	0.002	50	10000	<LOQ
Gold (Au)	0.021	50	10000	<LOQ	Selenium (Se)	4.631	6500	15000	<LOQ
Iridium (Ir)	0.001	50	10000	<LOQ	Silver (Ag)	0.005	350	15000	<LOQ
Lead (Pb)	0.006	250	500	<LOQ	Thallium (Tl)	0.006	400	800	<LOQ
Lithium (Li)	0.301	1250	55000	<LOQ	Tin (Sn)	0.047	3000	600000	<LOQ
Mercury (Hg)	0.014	50	3000	<LOQ	Vanadium (V)	0.038	50	10000	<LOQ



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Lexington, Kentucky 40509

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Extracted From: Hemp

Test Reg State: Florida

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Order Date: 2024-09-17
Sample # AAFY772

Sampling Date: 2024-09-18
Lab Batch Date: 2024-09-18
Orig. Completion Date: 2024-09-23

Initial Gross Weight: 59.711 g

Number of Units: 1
Net Weight per Unit: 50000.000 mg



National Panel Residual Solvents

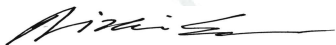
Specimen Weight: 55.000 mg

Passed

SOP13.056,SOP13.039 (GCMS-
(HS),GCMS-HS)

Dilution Factor: 1.000

Analyte	LOQ (ppm)	Action Level (ppm)	Result (ppm)	Analyte	LOQ (ppm)	Action Level (ppm)	Result (ppm)
1,1-Dichloroethene	0.03	2	<LOQ	Ethanol	0.025	2500	<LOQ
1,2-Dimethoxyethane	0.025	5	<LOQ	Ethyl Acetate	0.025	400	<LOQ
1,2-Dichloroethane	0.025	2	<LOQ	Ethyl Ether	0.025	500	<LOQ
1,4-Dioxane	0.025	50	<LOQ	Ethylbenzene	0.025	2170	<LOQ
1-Butanol	0.025	5000	<LOQ	Ethylene glycol	0.025	50	<LOQ
1-Pentanol	0.025	5000	<LOQ	Ethylene Oxide	0.025	1	<LOQ
1-Propanol	0.025	5000	<LOQ	Heptane	0.025	500	<LOQ
2,2-dimethylbutane	0.025	290	<LOQ	Hexane	0.025	10	<LOQ
2,3-Butanedione	0.025	1	<LOQ	Isopropyl acetate	0.025	5000	<LOQ
2,3-dimethylbutane	0.025	290	<LOQ	Isopropyl alcohol	0.025	500	<LOQ
2-Butanol	0.025	5000	<LOQ	Methanol	0.025	250	8.92
2-Butanone	0.025	5000	<LOQ	Methylene chloride	0.025	1	<LOQ
2-Ethoxyethanol	0.025	50	<LOQ	Methylpropane	0.025	1	<LOQ
2-methylbutane	0.025	5000	<LOQ	N,N-dimethylacetamide	0.025	50	<LOQ
2-Methylpentane	0.025	290	<LOQ	N,N-dimethylformamide	0.025	50	<LOQ
3-Methylpentane	0.025	290	<LOQ	Pentane	0.025	500	<LOQ
Acetone	0.025	500	<LOQ	Propane	0.025	500	<LOQ
Acetonitrile	0.025	50	<LOQ	Pyridine	0.025	50	<LOQ
Benzene	0.025	1	<LOQ	Tetrahydrofuran	0.025	50	<LOQ
Butanes	0.025	800	<LOQ	Tetramethylene sulfone	0.025	160	<LOQ
Chlorobenzene	0.28	50	<LOQ	Toluene	0.025	1	<LOQ
Chloroform	0.025	1	<LOQ	Total Xylenes	0.025	3	<LOQ
Cumene	0.025	50	<LOQ	Trichloroethylene	0.025	1	<LOQ
Dimethyl sulfoxide	0.025	5000	<LOQ				



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Orig. Completion Date: 2024-09-23

Initial Gross Weight: 59.711 g

Number of Units: 1
Net Weight per Unit: 50000.000 mgNational Panel Pesticides
Specimen Weight: 604.600 mgPassed
SOP13.059 (LCMS)

Dilution Factor: 2.480

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Abamectin ¹	0.435	9	300	<LOQ	Hexythiazox ¹	0.045	9.6	2000	<LOQ	Cyantraniliprole ²	0.006004	9.6	10	<LOQ
Acephate ¹	0.467	9.6	3000	<LOQ	Imazalil ¹	0.639	9.6	100	<LOQ	Cyprodinil ²	0.001141	9.6	10	<LOQ
Acequinocyl ¹	0.801	9.6	2000	<LOQ	Imidacloprid ¹	0.159	9.6	3000	<LOQ	Dinotefuran ²	0.236975	9.6	50	<LOQ
Acetamiprid ¹	0.080	9.6	3000	<LOQ	Kresoxim Methyl ¹	0.268	9.6	1000	<LOQ	Endosulfan-alpha ²	12.22	30	2500	<LOQ
Aldicarb ¹	0.124	9.6	100	<LOQ	Malathion ¹	0.410	9.6	2000	<LOQ	Endosulfan-beta ²	22.76	30	2500	<LOQ
Azoxystrobin ¹	0.683	9.6	3000	<LOQ	Metalaxyl ¹	0.749	9.6	3000	<LOQ	Etridiazole ²	4.02	9.6	150	<LOQ
Bifenazate ¹	0.121	9.6	3000	<LOQ	Methiocarb ¹	0.099	9.6	100	<LOQ	Fensulfothion ²	0.000794	9.6	10	<LOQ
Bifenthrin ¹	0.082	9.6	500	<LOQ	Methomyl ¹	0.121	9.6	100	<LOQ	Fenthion ²	4.911315	9.6	10	<LOQ
Boscalid ¹	0.153	9.6	3000	<LOQ	methylParathion ¹	3.065	9.6	100	<LOQ	Fluopyram ²	1.12E-9	9.6	10	<LOQ
Captan ¹	8.966	48	3000	<LOQ	Mevinphos ¹	1.370	9.6	100	<LOQ	Iprodione ²	0.105543	9.6	500	<LOQ
Carbaryl ¹	0.118	9.6	500	<LOQ	Myclobutanil ¹	0.571	9.6	3000	<LOQ	Kinoprene ²	3.4	441.6	1250	<LOQ
Carbofuran ¹	0.178	9.6	100	<LOQ	Naled ¹	0.083	9.6	500	<LOQ	Novaluron ²	0.000205	9.6	25	<LOQ
Chlorantraniliprole ¹	0.052	9.6	3000	<LOQ	Oxamyl ¹	0.123	9.6	500	<LOQ	Pirimicarb ²	0.0000566	9.6	10	<LOQ
Chlordane ¹	3.121	9.6	100	<LOQ	Paclobutrazol ¹	0.123	9.6	100	<LOQ	Pyraclostrobin ²	5.31E-7	9.6	10	<LOQ
Chlorfenapyr ¹	0.139	9.6	100	<LOQ	Permethrin ¹	0.718	9.6	1000	<LOQ	Resmethrin ²	0.068013	9.6	50	<LOQ
Chlormequat Chloride ¹	0.783	9.6	3000	<LOQ	Phosmet ¹	0.301	9.6	200	<LOQ	Tebufenozide ²	0.018121	9.6	10	<LOQ
Chlorpyrifos ¹	0.271	9.6	100	<LOQ	Piperonylbutoxide ¹	0.217	9.6	3000	<LOQ	Teflubenzuron ²	0.01662	9.6	25	<LOQ
Clofentezine ¹	0.119	9.6	500	<LOQ	Prallethrin ¹	1.365	9.6	400	<LOQ	Tetrachlorvinphos ²	0.839125	9.6	10	<LOQ
Coumaphos ¹	0.129	9.6	100	<LOQ	Propiconazole ¹	0.259	9.6	1000	<LOQ	Atrazine ³	0.379918	9.6	9.6	<LOQ
Cyfluthrin ¹	7.730	48	1000	<LOQ	Propoxur ¹	0.147	9.6	100	<LOQ	Buprofezin ³	1.66E-9	9.6	9.6	<LOQ
Cypermethrin ¹	0.887	9.6	1000	<LOQ	Pyrethrins ¹	0.256	1.4	1000	<LOQ	Deltamethrin ³	0.492837	9.6	9.6	<LOQ
Daminozide ¹	1.797	9.6	100	<LOQ	Pyridaben ¹	0.059	9.6	3000	<LOQ	Diuron ³	0.006862	9.6	9.6	<LOQ
Diazinon ¹	1.328	9.6	200	<LOQ	Spinetoram ¹	0.346	9.6	3000	<LOQ	Dodemorph ³	6.47E-12	9.6	9.6	<LOQ
Dichlorvos ¹	0.465	9.6	100	<LOQ	Spinosad ¹	0.028	2.39	3000	<LOQ	Endosulfan sulfate ³	0.88376	9.6	2500	<LOQ
Dimethoate ¹	0.366	9.6	100	<LOQ	Spiromesifen ¹	0.291	9.6	3000	<LOQ	Fenvalerate ³	0.597752	9.6	9.6	<LOQ
Dimethomorph ¹	0.272	9.6	3000	<LOQ	Spirotetramat ¹	0.141	9.6	3000	<LOQ	Lambda Cyhalothrin ³	0.116859	9.6	9.6	<LOQ
Ethoprophos ¹	0.192	9.6	100	<LOQ	Spiroxamine ¹	0.119	9.6	100	<LOQ	Methoprene ³	1.148463	9.6	9.6	<LOQ
Etofenprox ¹	0.116	9.6	100	<LOQ	Tebuconazole ¹	0.000	9.6	1000	<LOQ	MGK-264 ³	0.002068	7.4	7.4	<LOQ
Etoxazole ¹	0.570	9.6	1500	<LOQ	Thiacloprid ¹	0.397	9.6	100	<LOQ	Pentachloronitrobenzen (Quintozene)	1.817	9.6	200	<LOQ
Fenhexamid ¹	1.011	9.6	3000	<LOQ	Thiamethoxam ¹	0.104	9.6	1000	<LOQ	Phenothrin ³	0.000000212	9.6	9.6	<LOQ
Fenoxycarb ¹	0.169	9.6	100	<LOQ	Trifloxystrobin ¹	0.088	9.6	3000	<LOQ	Pyriproxyfen ³	0.0000958	9.6	9.6	<LOQ
Fenpyroximate ¹	0.139	9.6	2000	<LOQ	Allethrin ²	0.472	9.6	100	<LOQ	Spirodiclofen ³	0.373769	9.6	9.6	<LOQ
Fipronil ¹	0.605	9.6	100	<LOQ	Azadirachtin ²	0.003	9.6	500	<LOQ	Tetramethrin ³	0.0000992	9.6	9.6	<LOQ
Flonicamid ¹	0.128	9.6	2000	<LOQ	Benzovindiflupyr ²	0.013	9.6	10	<LOQ	Thiabendazole ³	0.001251	9.6	9.6	<LOQ
Fludioxonil ¹	0.521	9.6	3000	<LOQ	Clothianidin ²	0.000	9.6	25	<LOQ	Thiophanate-methyl ³	0.000223	9.6	9.6	<LOQ

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Definitions are found on page 1

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