



12423 NE Whitaker Way
 Portland, OR 97230
 503-254-1794



Report Number: 23-011124/D002.R000
Report Date: 09/26/2023
ORELAP#: OR100028
Purchase Order:
Received: 09/19/23 14:32

Customer: The Hemp Collect
Product identity: Live D8 SFT - Anytime
Client/Metric ID: .
Laboratory ID: 23-011124-0001

Summary

Potency:

Analyte per 0.86g	Result	Limits	Units	Status	
CBD per 0.86g	0.352		mg/0.86g		CBD-Total per Serving Size 6.98 mg/0.86g
CBD-A per 0.86g	7.56		mg/0.86g		
CBG-A per 0.86g	0.0980		mg/0.86g		THC-Total per Serving Size 0.216 mg/0.86g
CBN per 0.86g	0.0643		mg/0.86g		
Δ8-THC per 0.86g	35.3		mg/0.86g		(Reported in milligrams per serving)
THC-A per 0.86g	0.246		mg/0.86g		



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Customer: The Hemp Collect
 825 NW 16th Ave
 Portland Oregon 97209
 United States of America (USA)

Product identity: Live D8 SFT - Anytime

Client/Metric ID: .

Sample Date:

Laboratory ID: 23-011124-0001

Evidence of Cooling: No

Temp: 18.8

Relinquished by: ramos

Serving Size #1: 0.86 g



Sample Results

Potency per 0.86g		Method: J AOAC 2015 V98-6 (mod)		Units mg/se Batch: 2311140		Analyze: 9/21/23 9:00:00 AM	
Analyte	Result	Limits	Units	LOQ	Notes		
CBD per 0.86g	0.352		mg/0.86g	0.0270			
CBD-A per 0.86g [±]	7.56		mg/0.86g	0.0270			
CBD-Total per 0.86g [±]	6.98		mg/0.86g	0.0507			
CBG per 0.86g	< LOQ		mg/0.86g	0.0270			
CBG-A per 0.86g	0.0980		mg/0.86g	0.0270			
CBG-Total per 0.86g	0.0850		mg/0.86g	0.0504			
CBN per 0.86g	0.0643		mg/0.86g	0.0270			
Δ10-THC-9R per 0.86g	< LOQ		mg/0.86g	0.0270			
Δ10-THC-9S per 0.86g	< LOQ		mg/0.86g	0.0270			
Δ10-THC-Total per 0.86g	< LOQ		mg/0.86g	0.0540			
Δ8-THC per 0.86g [±]	35.3		mg/0.86g	0.270			
Δ9-THC per 0.86g [±]	< LOQ		mg/0.86g	0.0270			
THC-A per 0.86g [±]	0.246		mg/0.86g	0.0270			
THC-Total per 0.86g	0.216		mg/0.86g	0.0507			



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Abbreviations

Limits: Action Levels per OAR-333-007-0400, OAR-333-007-0210, OAR-333-007-0220, CCR title 16-division 42. BCC-section 5723

Limit(s) of Quantitation (LOQ): The minimum levels, concentrations, or quantities of a target variable (e.g., target analyte) that can be reported with a specified degree of confidence.

Ⓟ = ISO/IEC 17025:2017 accredited method.

¥ = TNI accredited analyte.

Units of Measure

g = g

mg/0.86g = Milligram per 0.86g

% = Percentage of sample

% wt = $\mu\text{g/g}$ divided by 10,000

Approved Signatory

Derrick Tanner
General Manager



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Revision: 4 Document ID: 7148
 Legacy ID: Worksheet Validated 04/20/2021

Laboratory Quality Control Results

J AOAC 2015 V98-6 Batch ID: 2311140

Laboratory Control Sample									
Analyte	LCS	Result	Spike	Units	% Rec	Limits		Evaluation	Notes
CBDVA	2	0.0319	0.0324	%	98.5	80.0	- 120	Acceptable	
CBDV	2	0.0318	0.0324	%	98.3	80.0	- 120	Acceptable	
CBE	2	0.0337	0.0345	%	97.7	80.0	- 120	Acceptable	
CBDA	1	0.0299	0.0324	%	92.1	90.0	- 110	Acceptable	
CBGA	1	0.0302	0.0330	%	91.4	80.0	- 120	Acceptable	
CBG	1	0.0359	0.0379	%	94.6	80.0	- 120	Acceptable	
CBD	1	0.0294	0.0316	%	93.2	90.0	- 110	Acceptable	
THCV	2	0.0329	0.0336	%	97.9	80.0	- 120	Acceptable	
d8THCV	2	0.0291	0.0294	%	98.9	80.0	- 120	Acceptable	
THCVA	2	0.0314	0.0320	%	98.2	80.0	- 120	Acceptable	
CBN	1	0.0295	0.0320	%	92.3	80.0	- 120	Acceptable	
exo-THC	2	0.0309	0.0314	%	98.6	80.0	- 120	Acceptable	
d9THC	1	0.0317	0.0320	%	98.9	90.0	- 110	Acceptable	
d8THC	1	0.0287	0.0312	%	92.2	90.0	- 110	Acceptable	
9S-d10THC	1	0.0330	0.0344	%	95.7	80.0	- 120	Acceptable	
CBL	2	0.0335	0.0349	%	96.0	80.0	- 120	Acceptable	
9R-d10THC	1	0.0306	0.0340	%	90.0	80.0	- 120	Acceptable	
CBC	2	0.0330	0.0332	%	99.2	80.0	- 120	Acceptable	
THCA	1	0.0302	0.0328	%	92.0	90.0	- 110	Acceptable	
CBCA	2	0.0337	0.0341	%	98.8	80.0	- 120	Acceptable	
CBLA	2	0.0336	0.0343	%	98.0	80.0	- 120	Acceptable	
d9THCP	2	0.0323	0.0333	%	97.0	80.0	- 120	Acceptable	
CBT	2	0.0349	0.0351	%	99.2	80.0	- 120	Acceptable	

Method Blank						
Analyte	Result	LOQ	Units	Limits	Evaluation	Notes
CBDVA	<LOQ	0.00322	%	< 0.00322	Acceptable	
CBDV	<LOQ	0.00322	%	< 0.00322	Acceptable	
CBE	<LOQ	0.00322	%	< 0.00322	Acceptable	
CBDA	<LOQ	0.00322	%	< 0.00322	Acceptable	
CBGA	<LOQ	0.00322	%	< 0.00322	Acceptable	
CBG	<LOQ	0.00322	%	< 0.00322	Acceptable	
CBD	<LOQ	0.00322	%	< 0.00322	Acceptable	
THCV	<LOQ	0.00322	%	< 0.00322	Acceptable	
d8THCV	<LOQ	0.00322	%	< 0.00322	Acceptable	
THCVA	<LOQ	0.00322	%	< 0.00322	Acceptable	
CBN	<LOQ	0.00322	%	< 0.00322	Acceptable	
exo-THC	<LOQ	0.00322	%	< 0.00322	Acceptable	
d9THC	<LOQ	0.00322	%	< 0.00322	Acceptable	
d8THC	<LOQ	0.00322	%	< 0.00322	Acceptable	
9S-d10THC	<LOQ	0.00322	%	< 0.00322	Acceptable	
CBL	<LOQ	0.00322	%	< 0.00322	Acceptable	
9R-d10THC	<LOQ	0.00322	%	< 0.00322	Acceptable	
CBC	<LOQ	0.00322	%	< 0.00322	Acceptable	
THCA	<LOQ	0.00322	%	< 0.00322	Acceptable	
CBCA	<LOQ	0.00322	%	< 0.00322	Acceptable	
CBLA	<LOQ	0.00322	%	< 0.00322	Acceptable	
d9THCP	<LOQ	0.00322	%	< 0.00322	Acceptable	
CBT	<LOQ	0.00322	%	< 0.00322	Acceptable	

Abbreviations
 ND - None Detected at or above MRL
 RPD - Relative Percent Difference
 LOQ - Limit of Quantitation

Units of Measure:
 % - Percent



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Revision: 4 Document ID: 7148
 Legacy ID: Worksheet Validated 04/20/2021

Laboratory Quality Control Results

J AOAC 2015 V98-6		Batch ID: 2311140						
Sample Duplicate		Sample ID: 23-010872-0001						
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes
CBDVA	<LOQ	<LOQ	0.00324	%	NA	< 20	Acceptable	
CBDV	0.0396	0.0394	0.00324	%	0.543	< 20	Acceptable	
CBE	<LOQ	<LOQ	0.00324	%	NA	< 20	Acceptable	
CBD	0.0176	0.0184	0.00324	%	4.33	< 20	Acceptable	
CBGA	<LOQ	<LOQ	0.00324	%	NA	< 20	Acceptable	
CBG	0.133	0.133	0.00324	%	0.0853	< 20	Acceptable	
CBD	7.69	7.60	0.00324	%	1.11	< 20	Acceptable	
THCV	<LOQ	<LOQ	0.00324	%	NA	< 20	Acceptable	
d8THCV	<LOQ	<LOQ	0.00324	%	NA	< 20	Acceptable	
THCVA	<LOQ	<LOQ	0.00324	%	NA	< 20	Acceptable	
CBN	0.0319	0.0317	0.00324	%	0.588	< 20	Acceptable	
exo-THC	<LOQ	<LOQ	0.00324	%	NA	< 20	Acceptable	
d9THC	0.191	0.190	0.00324	%	0.465	< 20	Acceptable	
d8THC	<LOQ	<LOQ	0.00324	%	NA	< 20	Acceptable	
9S-d10THC	<LOQ	<LOQ	0.00324	%	NA	< 20	Acceptable	
CBL	<LOQ	<LOQ	0.00324	%	NA	< 20	Acceptable	
9R-d10THC	<LOQ	<LOQ	0.00324	%	NA	< 20	Acceptable	
CBC	0.298	0.296	0.00324	%	0.624	< 20	Acceptable	
THCA	<LOQ	<LOQ	0.00324	%	NA	< 20	Acceptable	
CBCA	<LOQ	<LOQ	0.00324	%	NA	< 20	Acceptable	
CBLA	<LOQ	<LOQ	0.00324	%	NA	< 20	Acceptable	
d9THCP	<LOQ	<LOQ	0.00324	%	NA	< 20	Acceptable	
CBT	0.0954	0.0962	0.00324	%	0.923	< 20	Acceptable	

Abbreviations

ND - None Detected at or above MRL
 RPD - Relative Percent Difference
 LOQ - Limit of Quantitation

Units of Measure:

% - Percent



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Explanation of QC Flag Comments:

Code	Explanation
Q	Matrix interferences affecting spike or surrogate recoveries.
Q1	Quality control result biased high. Only non-detect samples reported.
Q2	Quality control outside QC limits. Data considered estimate.
Q3	Sample concentration greater than four times the amount spiked.
Q4	Non-homogenous sample matrix, affecting RPD result and/or % recoveries.
Q5	Spike results above calibration curve.
Q6	Quality control outside QC limits. Data acceptable based on remaining QC.
R	Relative percent difference (RPD) outside control limit.
R1	RPD non-calculable, as sample or duplicate results are less than five times the LOQ.
R2	Sample replicates RPD non-calculable, as only one replicate is within the analytical range.
LOQ1	Quantitation level raised due to low sample volume and/or dilution.
LOQ2	Quantitation level raised due to matrix interference.
B	Analyte detected in method blank, but not in associated samples.
B1	The sample concentration is greater than 5 times the blank concentration.
B2	The sample concentration is less than 5 times the blank concentration.



Certificate of Analysis

R&D

Client Information:

THE HEMP COLLECT
431 NW FLANDERS ST
PORTLAND, OR 97209

Batch # 03DST222_ROSE
Batch Date: 2023-08-08
Extracted From: CBD Isolate

Test Reg State: Oregon

Order # THE230906-050001
Order Date: 2023-09-06
Sample # AAEV365

Sampling Date: 2023-09-08
Lab Batch Date: 2023-09-08
Completion Date: 2023-09-14

Initial Gross Weight: 25.429 g



Product Image

Potency Tested	Heavy Metals Passed	Mycotoxins Passed	Pesticides Passed	Residual Solvents Passed
Pathogenic Microbiology Passed	Microbiology (qPCR) Passed			

Delta 8/Delta 10 Potency 13 - (LCUV)
Specimen Weight: 101.150 mg

Tested

SOP13.052 (LCUV)

Analyte	LOD (%)	LOQ (%)	Result (mg/g)	Result (%)
Delta-8 THC	2.60E-5	0.0015	835.750	83.575
CBD	5.40E-5	0.015	0.820	0.082
CBN	1.40E-5	0.015	0.680	0.068
CBC	1.80E-5	0.015	<LOQ	<LOQ
CBDA	1.00E-5	0.015	<LOQ	<LOQ
CBDV	6.50E-5	0.015	<LOQ	<LOQ
CBG	2.48E-4	0.015	<LOQ	<LOQ
CBGA	8.00E-5	0.015	<LOQ	<LOQ
Delta-10 THC	3.00E-6	0.0015	<LOQ	<LOQ
Delta-9 THC	1.30E-5	0.0015	<LOQ	<LOQ
Delta6a10a-THC	8.47E-5	0.0015	<LOQ	<LOQ
THCA-A	3.20E-5	0.015	<LOQ	<LOQ
THCV	7.00E-6	0.015	<LOQ	<LOQ
Total Active CBD			0.820	0.082
Total Active THC			<LOQ	<LOQ

Potency Summary

Total Delta 8 83.575%	Total Delta 10 None Detected
Total Active THC None Detected	Total Active CBD 0.082%
Total CBG None Detected	Total CBN 0.068%
Other Cannabinoids 0%	Total Cannabinoids 83.725%

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 * 0.87), Total Active THC = THCA-A * 0.877 + Delta 9 THC, Total THC = 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 + Delta9-THCP, Other Cannabinoids Total = Total Cannabinoids - All the listed cannabinoids on the summary section, Total Detected Cannabinoids = Delta6a10a-THC + Delta8-THC + Total CBN + CBT + CBE + Delta8-THCV + Total CBG + Total CBD + Total THCV + CBL + Total THC + Total CBC + Total CBDV + Delta10-THC + Total THC-O-Acetate + Total THCP. (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, (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 OR rule OAR 333-007-0390, OAR 333-007-0400. Failed - Analyte/microbe is at the level that equal or above the action limit per OR rule OAR 333-007-0390, OAR 333-007-0400 Sample not received via laboratory sampling.

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PORTLAND, OR 97209

Batch # 03DST222_ROSE
Batch Date: 2023-08-08
Extracted From: CBD Isolate

Test Reg State: Oregon

Order # THE230906-050001
Order Date: 2023-09-06
Sample # AAEV365

Sampling Date: 2023-09-08
Lab Batch Date: 2023-09-08
Completion Date: 2023-09-14

Initial Gross Weight: 25.429 g

Total Yeast and Mold
Specimen Weight: 486.600 mg

Passed
SOP13.017 (qPCR)

Pathogenic Microbiology SAE (MicroArray)

Passed
SOP13.019
(Micro Array)

Dilution Factor: 1.000

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

Dilution Factor: 1.000

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

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

Definitions are found on page 1

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Test Reg State: Oregon

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Order Date: 2023-09-06
Sample # AAEV365

Sampling Date: 2023-09-08
Lab Batch Date: 2023-09-08
Completion Date: 2023-09-14

Initial Gross Weight: 25.429 g



Heavy Metals

Specimen Weight: 250.700 mg

Passed
SOP13.048 (ICP-MS)

Dilution Factor: 199

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	<LOQ	Lead (Pb)	11.76	100	500	<LOQ
Cadmium (Cd)	.64	100	200	<LOQ	Mercury (Hg)	.58	100	200	<LOQ



Mycotoxins

Specimen Weight: 580.800 mg

Passed
SOP13.007 (LCMS)

Dilution Factor: 2.580

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	2.7100E-1	6	20	<LOQ
Aflatoxin B2	7.7000E-2	6	20	<LOQ	Ochratoxin A	7.5400E-1	3.8	20	<LOQ
Aflatoxin G1	3.0400E-1	6	20	<LOQ					



Residual Solvents - FL (CBD)

Specimen Weight: 308.600 mg

Passed
SOP13.039 (GCMS)

Dilution Factor: 500.000

Analyte	LOD (ppm)	LOQ (ppm)	Action Level (ppm)	Result (ppm)	Analyte	LOD (ppm)	LOQ (ppm)	Action Level (ppm)	Result (ppm)
1,1-Dichloroethene	0.0094	0.16	8	<LOQ	Heptane	0.0013	1.39	5000	<LOQ
1,2-Dichloroethane	0.0003	0.04	5	<LOQ	Hexane	0.068	1.17	290	<LOQ
Acetone	0.015	2.08	5000	<LOQ	Isopropyl alcohol	0.0048	1.39	500	<LOQ
Acetonitrile	0.06	1.17	410	<LOQ	Methanol	0.0005	0.69	3000	<LOQ
Benzene	0.0002	0.02	2	<LOQ	Methylene chloride	0.0029	2.43	600	<LOQ
Butanes	0.4167	2.5	2000	<LOQ	Pentane	0.037	2.08	5000	<LOQ
Chloroform	0.0001	0.04	60	<LOQ	Propane	0.031	5.83	2100	<LOQ
Ethanol	0.0021	2.78	5000	<LOQ	Toluene	0.0009	2.92	890	<LOQ
Ethyl Acetate	0.0012	1.11	5000	<LOQ	Total Xylenes	0.0001	2.92	2170	<LOQ
Ethyl Ether	0.0049	1.39	5000	<LOQ	Trichloroethylene	0.0014	0.49	80	<LOQ
Ethylene Oxide	0.0038	0.1	5	<LOQ					

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

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Initial Gross Weight: 25.429 g

Pesticides

Specimen Weight: 580.800 mg

Passed

SOP13.007 (LCMS/GCMS)

Dilution Factor: 2.580

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	1.7400E+0	48	100	<LOQ
Acephate	2.3000E-2	30	100	<LOQ	Hexythiazox	4.9000E-2	30	100	<LOQ
Acequinocyl	9.5640E+0	48	100	<LOQ	Imazalil	2.4800E-1	30	100	<LOQ
Acetamiprid	5.2000E-2	30	100	<LOQ	Imidacloprid	9.4000E-2	30	400	<LOQ
Aldicarb	2.6000E-2	30	100	<LOQ	Kresoxim Methyl	4.2000E-2	30	100	<LOQ
Azoxystrobin	8.1000E-2	10	100	<LOQ	Malathion	8.2000E-2	30	200	<LOQ
Bifenazate	1.4150E+0	30	100	<LOQ	Metalaxyl	8.1000E-2	10	100	<LOQ
Bifenthrin	4.3000E-2	30	100	<LOQ	Methiocarb	3.2000E-2	30	100	<LOQ
Boscalid	5.5000E-2	10	100	<LOQ	Methomyl	2.2000E-2	30	100	<LOQ
Captan	6.1200E+0	30	700	<LOQ	methyl-Parathion	1.7100E+0	10	100	<LOQ
Carbaryl	2.2000E-2	10	500	<LOQ	Mevinphos	2.1500E+0	10	100	<LOQ
Carbofuran	3.4000E-2	10	100	<LOQ	Myclobutanil	1.0290E+0	30	100	<LOQ
Chlorantraniliprole	3.3000E-2	10	1000	<LOQ	Naled	9.5000E-2	30	250	<LOQ
Chlordane	1.0000E+1	10	100	<LOQ	Oxamyl	2.5000E-2	30	500	<LOQ
Chlorfenapyr	3.4000E-2	30	100	<LOQ	Paclobutrazol	6.5000E-2	30	100	<LOQ
Chloromequat Chloride	1.0800E-1	10	1000	<LOQ	Pentachloronitrobenzene	1.3200E+0	10	150	<LOQ
Chlorpyrifos	3.5000E-2	30	100	<LOQ	Permethrin	3.4300E-1	30	100	<LOQ
Clofentezine	1.1900E-1	30	200	<LOQ	Phosmet	8.2000E-2	30	100	<LOQ
Coumaphos	3.7700E+0	48	100	<LOQ	Piperonylbutoxide	2.9000E-2	30	3000	<LOQ
Cyfluthrin	3.1100E+0	30	500	<LOQ	Prallethrin	7.9800E-1	30	100	<LOQ
Cypermethrin	1.4490E+0	30	500	<LOQ	Propiconazole	7.0000E-2	30	100	<LOQ
Daminozide	8.8500E-1	30	100	<LOQ	Propoxur	4.6000E-2	30	100	<LOQ
Diazinon	4.4000E-2	30	100	<LOQ	Pyrethrins	2.3593E+1	30	500	<LOQ
Dichlorvos	2.1820E+0	30	100	<LOQ	Pyridaben	3.2000E-2	30	200	<LOQ
Dimethoate	2.1000E-2	30	100	<LOQ	Spinetoram	8.0000E-2	10	200	<LOQ
Dimethomorph	5.8300E+0	48	200	<LOQ	Spinosad	8.8000E-2	30	100	<LOQ
Ethoprophos	3.6000E-1	30	100	<LOQ	Spiromesifen	2.6100E-1	30	100	<LOQ
Etofenprox	1.1600E-1	30	100	<LOQ	Spirotetramat	8.9000E-2	30	100	<LOQ
Etoxazole	9.5000E-2	30	100	<LOQ	Spiroxamine	1.3100E-1	30	100	<LOQ
Fenhexamid	5.1000E-1	10	100	<LOQ	Tebuconazole	6.7000E-2	30	100	<LOQ
Fenoxycarb	1.0700E-1	30	100	<LOQ	Thiacloprid	6.4000E-2	30	100	<LOQ
Fenpyroximate	1.3800E-1	30	100	<LOQ	Thiamethoxam	5.0000E-2	30	500	<LOQ
Fipronil	1.0700E-1	30	100	<LOQ	Trifloxystrobin	3.7000E-2	30	100	<LOQ
Fonicamid	5.1700E-1	30	100	<LOQ					

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Definitions are found on page 1

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