

Certificate of Analysis



Sample Name: Soar - Draft
Client: Saucy Brew Works
Sample Code: HEM-260105-007
Matrix Name: Beverage
Type / Result: Compliance - Pass

Received Date: Wed, Jan 7, 2026
Published Date: Tue, Jan 13, 2026
Batch/Lot Code: B296
Batch Size: N/A
Sample Size: 1U
Average Unit Weight: 355g

RESULT SUMMARY

Total Cannabinoids	29.80 mg /serv
Total CBD	10.22 mg /serv
Total THC	8.69 mg /serv
Total Terpenes	13.55 mg /serv



POT ✓ Cannabinoids Potency	TRP ✓ Terpenes	SAL ✓ Salmonella spp. qPCR	ECOLI ✓ Total Coliforms & E. coli Plate	AFLA ✓ Aflatoxins USP <56>m
PGUSP ✓ Pesticides USP <56>m	PLUSP ✓ Pesticides USP <56>m	TYM ✓ Total Yeast & Mold qPCR	PH ✓ pH	LMON ✓ Listeria monocytogenes qPCR
HVMET ✓ Heavy Metals Big 4				

Approvals

RESULTS REVIEWED BY:

Leslie Varela
Laboratory Director

Cambium Analytica
Tuesday, Jan 13, 2026

RESULTS CERTIFIED BY:

Douglas Smith
VP - Scientific
Operations

Cambium Analytica
Tuesday, Jan 13, 2026

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Lab Information

Address: 1230 Woodmere Ave, Traverse City, MI 49686 **Phone:** 231.252.3669 **Accreditation:** ISO/IEC 17025:2017 – #108157



POT



Cannabinoids - Potency

LAB-TM-025 - Determination of Potency of Cannabis and Cannabis Infused Products
 POT-HEM-260105-007-02 - FRI, JAN 9, 2026

Analyte	Value	Value (mg/g)	Per Serving	Per Package	Action Limit	LOD	LOQ	Status
CBD	0.0029 %	0.0288 mg/g	10.22 mg	10.22 mg	N/A	0.0005 mg/g	0.001 mg/g	N/A
CBG	0.0029 %	0.0286 mg/g	10.15 mg	10.15 mg	N/A	0.0005 mg/g	0.001 mg/g	N/A
Delta-9 THC	0.0024 %	0.0245 mg/g	8.69 mg	8.69 mg	N/A	0.0005 mg/g	0.001 mg/g	N/A
CBN	0.0002 %	0.0021 mg/g	0.75 mg	0.75 mg	N/A	0.0005 mg/g	0.001 mg/g	N/A
(6aR,9R)-Delta-10 THC	ND	N/A	N/A	N/A	N/A	0.0005 mg/g	0.001 mg/g	N/A
(6aR,9S)-Delta-10 THC	ND	N/A	N/A	N/A	N/A	0.0005 mg/g	0.001 mg/g	N/A
CBC	ND	N/A	N/A	N/A	N/A	0.0005 mg/g	0.001 mg/g	N/A
CBDa	ND	N/A	N/A	N/A	N/A	0.0005 mg/g	0.001 mg/g	N/A
CBDV	ND	N/A	N/A	N/A	N/A	0.0005 mg/g	0.001 mg/g	N/A
CBGA	ND	N/A	N/A	N/A	N/A	0.0005 mg/g	0.001 mg/g	N/A
Delta-8 THC	ND	N/A	N/A	N/A	N/A	0.0005 mg/g	0.001 mg/g	N/A
Delta-8 THCV	ND	N/A	N/A	N/A	N/A	0.0005 mg/g	0.001 mg/g	N/A
THCA	ND	N/A	N/A	N/A	N/A	0.0005 mg/g	0.001 mg/g	N/A
Delta-9 THCV	ND	N/A	N/A	N/A	N/A	0.0005 mg/g	0.001 mg/g	N/A
Total Cannabinoids*	0.0084 %	0.0839 mg/g	29.80 mg	29.80 mg	N/A	N/A	N/A	N/A
Total CBD*	0.0029 %	0.0288 mg/g	10.22 mg	10.22 mg	N/A	N/A	N/A	N/A
Delta-9 THC + Delta-8 THC	0.0024 %	0.0245 mg/g	8.69 mg	8.69 mg	N/A	N/A	N/A	N/A
Total THC*	0.0024 %	0.0245 mg/g	8.69 mg	8.69 mg	N/A	N/A	N/A	N/A
Total THCV*	0.0000 %	0.0000 mg/g	0 mg	0 mg	N/A	N/A	N/A	N/A

*Total Cannabinoids is calculated as the sum of all quantified cannabinoids.

Total CBD is calculated as the sum of CBD and 0.877(CBDA).

Total THC is calculated as the sum of Delta-9 THC, Delta-8 THC, and 0.877(THCA).

*Total THCV is calculated as the sum of Delta-8 THCV and Delta-9 THCV.



TRP

Terpenes

LAB-TM-066 - Determination of Terpenes by GC-MS

TRP-HEM-260105-007-01 - FRI, JAN 9, 2026



Analyte	Value	Value (mg/g)	Per Serving	Per Package	Action Limit	LOD	LOQ	Status
Limonene	0.004 %	0.038 mg/g	13.55 mg	13.55 mg	N/A	0.5 ug/g	1 ug/g	N/A
Valencene	ND	N/A	N/A	N/A	N/A	0.5 ug/g	1 ug/g	N/A
Geranyl Acetate	ND	N/A	N/A	N/A	N/A	0.5 ug/g	1 ug/g	N/A
Guaiol	ND	N/A	N/A	N/A	N/A	0.5 ug/g	1 ug/g	N/A
Alpha Terpineol	ND	N/A	N/A	N/A	N/A	0.5 ug/g	1 ug/g	N/A
Terpinolene	ND	N/A	N/A	N/A	N/A	0.5 ug/g	1 ug/g	N/A
Geraniol	ND	N/A	N/A	N/A	N/A	0.5 ug/g	1 ug/g	N/A
Gamma Terpinene	ND	N/A	N/A	N/A	N/A	0.5 ug/g	1 ug/g	N/A
Pulegone	ND	N/A	N/A	N/A	N/A	0.5 ug/g	1 ug/g	N/A
Alpha Bisabolol	ND	N/A	N/A	N/A	N/A	0.5 ug/g	1 ug/g	N/A
Fenchone	ND	N/A	N/A	N/A	N/A	0.5 ug/g	1 ug/g	N/A
Alpha Humulene	ND	N/A	N/A	N/A	N/A	0.5 ug/g	1 ug/g	N/A
Beta Myrcene	ND	N/A	N/A	N/A	N/A	0.5 ug/g	1 ug/g	N/A
Linalool	ND	N/A	N/A	N/A	N/A	0.5 ug/g	1 ug/g	N/A
Sabinene	ND	N/A	N/A	N/A	N/A	0.5 ug/g	1 ug/g	N/A
Caryophyllene Oxide	ND	N/A	N/A	N/A	N/A	0.5 ug/g	1 ug/g	N/A
Alpha Cedrene	ND	N/A	N/A	N/A	N/A	0.5 ug/g	1 ug/g	N/A
Alpha Pinene	ND	N/A	N/A	N/A	N/A	0.5 ug/g	1 ug/g	N/A
DL-Menthol	ND	N/A	N/A	N/A	N/A	0.5 ug/g	1 ug/g	N/A
Eucalyptol	ND	N/A	N/A	N/A	N/A	0.5 ug/g	1 ug/g	N/A
Trans Beta Ocimene	ND	N/A	N/A	N/A	N/A	0.5 ug/g	1 ug/g	N/A
1,R-Endo-Fenchyl Alcohol	ND	N/A	N/A	N/A	N/A	0.5 ug/g	1 ug/g	N/A
Camphene	ND	N/A	N/A	N/A	N/A	0.5 ug/g	1 ug/g	N/A
Nerol	ND	N/A	N/A	N/A	N/A	0.5 ug/g	1 ug/g	N/A
Cis Nerolidol	ND	N/A	N/A	N/A	N/A	0.5 ug/g	1 ug/g	N/A
Beta Pinene	ND	N/A	N/A	N/A	N/A	0.5 ug/g	1 ug/g	N/A
Delta-3 Carene	ND	N/A	N/A	N/A	N/A	0.5 ug/g	1 ug/g	N/A
Trans Nerolidol	ND	N/A	N/A	N/A	N/A	0.5 ug/g	1 ug/g	N/A
Cis Beta Ocimene	ND	N/A	N/A	N/A	N/A	0.5 ug/g	1 ug/g	N/A
Isoborneol	ND	N/A	N/A	N/A	N/A	0.5 ug/g	1 ug/g	N/A
Borneol	ND	N/A	N/A	N/A	N/A	0.5 ug/g	1 ug/g	N/A
Camphor	ND	N/A	N/A	N/A	N/A	0.5 ug/g	1 ug/g	N/A
Alpha Terpinene	ND	N/A	N/A	N/A	N/A	0.5 ug/g	1 ug/g	N/A
Isopulegol	ND	N/A	N/A	N/A	N/A	0.5 ug/g	1 ug/g	N/A
Trans Caryophyllene	ND	N/A	N/A	N/A	N/A	0.5 ug/g	1 ug/g	N/A

*Total Terpenes is calculated as the sum of all quantified terpenes.



TRP

Terpenes

LAB-TM-066 - Determination of Terpenes by GC-MS
TRP-HEM-260105-007-01 - FRI, JAN 9, 2026

Analyte	Value	Value (mg/g)	Per Serving	Per Package	Action Limit	LOD	LOQ	Status
Alpha Phellandrene	ND	N/A	N/A	N/A	N/A	0.5 ug/g	1 ug/g	N/A
Sabinene Hydrate	ND	N/A	N/A	N/A	N/A	0.5 ug/g	1 ug/g	N/A
Cedrol	ND	N/A	N/A	N/A	N/A	0.5 ug/g	1 ug/g	N/A
Total Terpenes*	0.004 %	0.038 mg/g	13.55 mg	13.55 mg	N/A	0.5 ug/g	1 ug/g	N/A

*Total Terpenes is calculated as the sum of all quantified terpenes.



SAL

Salmonella spp. - qPCR - 25g

LAB-TM-063 - Detection of Presumptive Salmonella spp. in Foods and Dietary Supplements
SAL-HEM-260105-007-01 - FRI, JAN 9, 2026



Analyte	Value	Action Limit	LOD	LOQ	Status
Salmonella spp.	ND	N/A	N/A	N/A	N/A

ECOLI

Total Coliforms & E. coli - Plate - 25g - Full Range

LAB-TM-059 - Enumeration of Escherichia coli and Total Coliform in Foods and Dietary Supplements
ECOLI-HEM-260105-007-01 - FRI, JAN 9, 2026



Analyte	Value	Action Limit	LOD	LOQ	Status
E. coli	ND	N/A	10 CFU/g	10 CFU/g	N/A
Total Coliforms	ND	N/A	10 CFU/g	10 CFU/g	N/A

AFLA

Aflatoxins - USP <561>

LAB-TM-043 - USP 561 Aflatoxins Analysis in Articles of Botanical Origin by LC-TQ
AFLA-HEM-260105-007-01 - FRI, JAN 9, 2026



Analyte	Value	Action Limit	LOD	LOQ	Status
Ochratoxin A	ND	N/A	0.001 ug/g	0.002 ug/g	N/A
Aflatoxin B2	ND	N/A	0.001 ug/g	0.002 ug/g	N/A
Aflatoxin G1	ND	N/A	0.001 ug/g	0.002 ug/g	N/A
Aflatoxin G2	ND	N/A	0.001 ug/g	0.002 ug/g	N/A
Aflatoxin B1	ND	N/A	0.001 ug/g	0.002 ug/g	N/A
Total Aflatoxins*	0.000 ug/g	N/A	N/A	N/A	N/A

*Total Aflatoxins is calculated as the sum of B1, B2, G1, and G2



PG USP

Pesticides - USP <561>m - GC/TQ

LAB-TM-039 - USP 561 Pesticides Analysis in Articles of Botanical Origin by GC/TQ

PGUSP-HEM-260105-007-01 - TUE, JAN 13, 2026



Analyte	Value	Action Limit	LOD	LOQ	Status
Aldrin	ND	N/A	0.002 ug/g	0.006 ug/g	N/A
alpha-Endosulfan	ND	N/A	0.002 ug/g	0.005 ug/g	N/A
alpha-Hexachlorocyclohexane	ND	N/A	0.002 ug/g	0.005 ug/g	N/A
beta-Endosulfan	ND	N/A	0.002 ug/g	0.005 ug/g	N/A
beta-Hexachlorocyclohexane	ND	N/A	0.002 ug/g	0.005 ug/g	N/A
Bromophos-ethyl	ND	0.05 ug/g	0.002 ug/g	0.005 ug/g	PASS
Bromophos-methyl	ND	0.05 ug/g	0.002 ug/g	0.005 ug/g	PASS
Bromopropylate	ND	3 ug/g	0.002 ug/g	0.005 ug/g	PASS
Chlorpyrifos-methyl	ND	0.1 ug/g	0.002 ug/g	0.005 ug/g	PASS
Chlorthal-dimethyl	ND	0.01 ug/g	0.002 ug/g	0.005 ug/g	PASS
cis-Chlordane	ND	N/A	0.002 ug/g	0.005 ug/g	N/A
cis-Heptachlorepoxide	ND	N/A	0.002 ug/g	0.005 ug/g	N/A
delta-Hexachlorocyclohexane	ND	N/A	0.002 ug/g	0.005 ug/g	N/A
Dicofol	ND	0.5 ug/g	0.002 ug/g	0.005 ug/g	PASS
Dieldrin	ND	N/A	0.002 ug/g	0.005 ug/g	N/A
Endosulfan Sulfate	ND	N/A	0.002 ug/g	0.005 ug/g	N/A
Endrin	ND	0.05 ug/g	0.002 ug/g	0.007 ug/g	PASS
epsilon-Hexachlorocyclohexane	ND	N/A	0.002 ug/g	0.005 ug/g	N/A
Fenchlorophos	ND	N/A	0.002 ug/g	0.005 ug/g	N/A
Fenchlorophos-oxon	ND	N/A	0.002 ug/g	0.005 ug/g	N/A
Fenitrothion	ND	0.5 ug/g	0.002 ug/g	0.005 ug/g	PASS
Fenvalerate	ND	1.5 ug/g	0.002 ug/g	0.005 ug/g	PASS
Heptachlor	ND	N/A	0.002 ug/g	0.005 ug/g	N/A
Hexachlorobenzene	ND	0.1 ug/g	0.002 ug/g	0.005 ug/g	PASS
Lindane (gamma-Hexachlorocyclohexane)	ND	0.6 ug/g	0.002 ug/g	0.005 ug/g	PASS
Methacriphos	ND	0.05 ug/g	0.004 ug/g	0.012 ug/g	PASS
Methoxychlor	ND	0.05 ug/g	0.004 ug/g	0.013 ug/g	PASS
Methylpentachlorophenyl Sulfide	ND	N/A	0.002 ug/g	0.005 ug/g	N/A
Mirex	ND	0.01 ug/g	0.002 ug/g	0.005 ug/g	PASS
o,p'-DDE	ND	N/A	0.002 ug/g	0.005 ug/g	N/A
o,p'-DDT	ND	N/A	0.002 ug/g	0.005 ug/g	N/A
o,p'-TDE	ND	N/A	0.002 ug/g	0.005 ug/g	N/A
Oxychlordane	ND	N/A	0.005 ug/g	0.01 ug/g	N/A
p,p'-DDE	ND	N/A	0.002 ug/g	0.005 ug/g	N/A

*Total Chlordanes is calculated as the sum of cis-Chlordane, trans-Chlordane, and Oxychlordane.

*Total DDTs is calculated as the sum of o,p'-DDE, p,p'-DDE, o,p'-DDT, p,p'-DDT, o,p'-TDE, and p,p'-TDE.

*Total Endosulfans is calculated as the sum of alpha-Endosulfan, beta-Endosulfan, and Endosulfan Sulfate.

*Total Fenchlorophos is calculated as the sum of Fenchlorophos and Fenchlorophos-oxon.

*Total Heptachlors is calculated as the sum of Heptachlor, cis-Heptachlorepoxide, and trans-Heptachlorepoxide.

*Total Hexachlorocyclohexanes is calculated as the sum of alpha-Hexachlorocyclohexane, beta-Hexachlorocyclohexane, delta-Hexachlorocyclohexane, and epsilon-Hexachlorocyclohexane.

*Total Quintozenes is calculated as the sum of Pentachloronitrobenzene (Quintozene), Pentachloroaniline, and Methylpentachlorophenyl Sulfide.

Modified test method does not include the following analytes: Bromide, inorganic (calculated as bromide ion), Dichlofluanid, Dithiocarbamates (as CS₂), N-desethyl-pirimiphos-methyl



PGUSP

Pesticides - USP <561>m - GC/TQ

LAB-TM-039 - USP 561 Pesticides Analysis in Articles of Botanical Origin by GC/TQ
PGUSP-HEM-260105-007-01 - TUE, JAN 13, 2026

Analyte	Value	Action Limit	LOD	LOQ	Status
p,p'-DDT	ND	N/A	0.002 ug/g	0.005 ug/g	N/A
p,p'-TDE	ND	N/A	0.002 ug/g	0.005 ug/g	N/A
Paraoxon-ethyl	ND	N/A	0.005 ug/g	0.01 ug/g	N/A
Paraoxon-methyl	ND	N/A	0.005 ug/g	0.01 ug/g	N/A
Parathion-ethyl	ND	N/A	0.002 ug/g	0.005 ug/g	N/A
Parathion-methyl	ND	N/A	0.002 ug/g	0.005 ug/g	N/A
Pentachloroaniline	ND	N/A	0.002 ug/g	0.005 ug/g	N/A
Pentachloroanisole	ND	0.01 ug/g	0.002 ug/g	0.005 ug/g	PASS
Pentachloronitrobenzene (Quintozene)	ND	N/A	0.002 ug/g	0.005 ug/g	N/A
Procymidone	ND	0.1 ug/g	0.002 ug/g	0.005 ug/g	PASS
S-421	ND	0.02 ug/g	0.002 ug/g	0.005 ug/g	PASS
tau-Fluvalinate	ND	0.05 ug/g	0.002 ug/g	0.005 ug/g	PASS
Tecnazene	ND	0.05 ug/g	0.002 ug/g	0.005 ug/g	PASS
Tetradifon	ND	0.3 ug/g	0.002 ug/g	0.005 ug/g	PASS
trans-Chlordane	ND	N/A	0.002 ug/g	0.005 ug/g	N/A
trans-Heptachlorepoide	ND	N/A	0.004 ug/g	0.012 ug/g	N/A
Vinclozolin	ND	0.4 ug/g	0.002 ug/g	0.005 ug/g	PASS
Aldrin + Dieldrin	0.000 ug/g	0.05 ug/g	N/A	N/A	PASS
Parathion-ethyl + Paraoxon-ethyl	0.000 ug/g	0.5 ug/g	N/A	N/A	PASS
Parathion-methyl + Paraoxon-methyl	0.000 ug/g	0.2 ug/g	N/A	N/A	PASS
Total Chlordanes - USP*	0.000 ug/g	0.05 ug/g	N/A	N/A	PASS
Total DDTs*	0.000 ug/g	1 ug/g	N/A	N/A	PASS
Total Endosulfans*	0.000 ug/g	3 ug/g	N/A	N/A	PASS
Total Fenchlorophos*	0.000 ug/g	0.1 ug/g	N/A	N/A	PASS
Total Heptachlors*	0.000 ug/g	0.05 ug/g	N/A	N/A	PASS
Total Hexachlorocyclohexanes*	0.000 ug/g	0.3 ug/g	N/A	N/A	PASS
Total Quintozenes*	0.000 ug/g	1 ug/g	N/A	N/A	PASS

*Total Chlordanes is calculated as the sum of cis-Chlordane, trans-Chlordane, and Oxychlordane.

*Total DDTs is calculated as the sum of o,p'-DDE, p,p'-DDE, o,p'-DDT, p,p'-DDT, o,p'-TDE, and p,p'-TDE.

*Total Endosulfans is calculated as the sum of alpha-Endosulfan, beta-Endosulfan, and Endosulfan Sulfate.

*Total Fenchlorophos is calculated as the sum of Fenchlorophos and Fenchlorophos-oxon.

*Total Heptachlors is calculated as the sum of Heptachlor, cis-Heptachlorepoide, and trans-Heptachlorepoide.

*Total Hexachlorocyclohexanes is calculated as the sum of alpha-Hexachlorocyclohexane, beta-Hexachlorocyclohexane, delta-Hexachlorocyclohexane, and epsilon-Hexachlorocyclohexane.

*Total Quintozenes is calculated as the sum of Pentachloronitrobenzene (Quintozene), Pentachloroaniline, and Methylpentachlorophenyl Sulfide.

Modified test method does not include the following analytes: Bromide, inorganic (calculated as bromide ion), Dichlofluanid, Dithiocarbamates (as CS2), N-desethyl-pirimiphos-methyl



PLUSP

Pesticides - USP <561>m - LC/TQ

LAB-TM-038 - USP 561 Pesticide Analysis in Articles of Botanical Origin by LC/TQ
PLUSP-HEM-260105-007-01 - MON, JAN 12, 2026

Analyte	Value	Action Limit	LOD	LOQ	Status
Acephate	ND	0.1 ug/g	12.5 ng/g	25 ng/g	PASS
Alachlor	ND	0.05 ug/g	12.5 ng/g	25 ng/g	PASS
Azinphos-ethyl	ND	0.1 ug/g	12.5 ng/g	25 ng/g	PASS
Azinphos-methyl	ND	1 ug/g	12.5 ng/g	25 ng/g	PASS
Chlorfenvinphos	ND	0.5 ug/g	12.5 ng/g	25 ng/g	PASS
Chlorpyrifos-ethyl	ND	0.2 ug/g	12.5 ng/g	25 ng/g	PASS
Cyfluthrin	ND	0.1 ug/g	12.5 ng/g	25 ng/g	PASS
Cypermethrin	ND	1 ug/g	12.5 ng/g	25 ng/g	PASS
Deltamethrin	ND	0.5 ug/g	12.5 ng/g	25 ng/g	PASS
Diazinon	ND	0.5 ug/g	12.5 ng/g	25 ng/g	PASS
Dichlorvos	ND	1 ug/g	12.5 ng/g	25 ng/g	PASS
Dimethoate	ND	N/A	12.5 ng/g	25 ng/g	N/A
Ethion	ND	2 ug/g	12.5 ng/g	25 ng/g	PASS
Etrimphos	ND	0.05 ug/g	12.5 ng/g	25 ng/g	PASS
Fenpropathrin	ND	0.03 ug/g	12.5 ng/g	25 ng/g	PASS
Fensulfothion	ND	N/A	12.5 ng/g	25 ng/g	N/A
Fensulfothion Oxon	ND	N/A	12.5 ng/g	25 ng/g	N/A
Fensulfothion Oxonsulfone	ND	N/A	12.5 ng/g	25 ng/g	N/A
Fensulfothion Sulfone	ND	N/A	12.5 ng/g	25 ng/g	N/A
Fenthion	ND	N/A	12.5 ng/g	25 ng/g	N/A
Fenthion Oxon	ND	N/A	12.5 ng/g	25 ng/g	N/A
Fenthion Oxon Sulfone	ND	N/A	12.5 ng/g	25 ng/g	N/A
Fenthion Oxon Sulfoxide	ND	N/A	12.5 ng/g	25 ng/g	N/A
Fenthion Sulfone	ND	N/A	12.5 ng/g	25 ng/g	N/A
Fenthion Sulfoxide	ND	N/A	12.5 ng/g	25 ng/g	N/A
Flucythrinate	ND	0.05 ug/g	12.5 ng/g	25 ng/g	PASS
Fonophos	ND	0.05 ug/g	12.5 ng/g	25 ng/g	PASS
lambda-Cyhalothrin	ND	1 ug/g	12.5 ng/g	25 ng/g	PASS
Malaaxon	ND	N/A	12.5 ng/g	25 ng/g	N/A
Malathion	ND	N/A	12.5 ng/g	25 ng/g	N/A
Mecarbam	ND	0.05 ug/g	12.5 ng/g	25 ng/g	PASS
Methamidophos	ND	0.05 ug/g	12.5 ng/g	25 ng/g	PASS
Methidathion	ND	0.2 ug/g	12.5 ng/g	25 ng/g	PASS
Monocrotophos	ND	0.1 ug/g	12.5 ng/g	25 ng/g	PASS
Omethoate	ND	N/A	12.5 ng/g	25 ng/g	N/A

*Total Fensulfothions is calculated as the sum of Fensulfothion, Fensulfothion Oxon, Fensulfothion Oxonsulfone, and Fensulfothion Sulfone.

*Total Fenthions is calculated as the sum of Fenthion, Fenthion Oxon, Fenthion Oxon Sulfone, Fenthion Oxon Sulfoxide, Fenthion Sulfone, and Fenthion Sulfoxide.

*Total Pyrethrins is calculated as the sum of Cinerin I, Cinerin II, Jasmolin I, Jasmolin II, Pyrethrin I, and Pyrethrin II.

Modified test method does not include the following analytes: Bromide, inorganic (calculated as bromide ion), Dichlofluanid, Dithiocarbamates (as CS2), N-desethyl-pirimiphos-methyl



PLUSP

Pesticides - USP <561>m - LC/TQ

LAB-TM-038 - USP 561 Pesticide Analysis in Articles of Botanical Origin by LC/TQ
PLUSP-HEM-260105-007-01 - MON, JAN 12, 2026

Analyte	Value	Action Limit	LOD	LOQ	Status
Pendimethalin	ND	0.1 ug/g	12.5 ng/g	25 ng/g	PASS
Permethrins (Sum of cis-Permethrin and trans-Permethrin)	ND	1 ug/g	12.5 ng/g	25 ng/g	PASS
Phosalone	ND	0.1 ug/g	12.5 ng/g	25 ng/g	PASS
Phosmet	ND	0.05 ug/g	12.5 ng/g	25 ng/g	PASS
Piperonyl Butoxide	ND	3 ug/g	12.5 ng/g	25 ng/g	PASS
Pirimiphos-ethyl	ND	0.05 ug/g	12.5 ng/g	25 ng/g	PASS
Pirimiphos-methyl	ND	4 ug/g	12.5 ng/g	25 ng/g	PASS
Profenophos	ND	0.1 ug/g	12.5 ng/g	25 ng/g	PASS
Prothiophos	ND	0.05 ug/g	12.5 ng/g	25 ng/g	PASS
Pyrethrins Cinerin I	ND	N/A	3.75 ng/g	7.5 ng/g	N/A
Pyrethrins Cinerin II	ND	N/A	2.5 ng/g	5 ng/g	N/A
Pyrethrins Jasmolin I	ND	N/A	0.5 ng/g	2.5 ng/g	N/A
Pyrethrins Jasmolin II	ND	N/A	1.25 ng/g	2.5 ng/g	N/A
Pyrethrins Pyrethrin I	ND	N/A	6.75 ng/g	33.75 ng/g	N/A
Pyrethrins Pyrethrin II	ND	N/A	3.25 ng/g	16.25 ng/g	N/A
Quinalphos	ND	0.05 ug/g	12.5 ng/g	25 ng/g	PASS
Dimethoate + Omethoate	0.000 ug/g	0.1 ug/g	N/A	N/A	PASS
Malathion + Malaoxon	0.000 ug/g	1 ug/g	N/A	N/A	PASS
Total Fensulfothions*	0.000 ug/g	0.05 ug/g	N/A	N/A	PASS
Total Fenthions*	0.000 ug/g	0.05 ug/g	N/A	N/A	PASS
Total Pyrethrins*	0.000 ug/g	3 ug/g	N/A	N/A	PASS

*Total Fensulfothions is calculated as the sum of Fensulfothion, Fensulfothion Oxon, Fensulfothion Oxansulfone, and Fensulfothion Sulfone.

*Total Fenthions is calculated as the sum of Fenthion, Fenthion Oxon, Fenthion Oxon Sulfone, Fenthion Oxon Sulfoxide, Fenthion Sulfone, and Fenthion Sulfoxide.

*Total Pyrethrins is calculated as the sum of Cinerin I, Cinerin II, Jasmolin I, Jasmolin II, Pyrethrin I, and Pyrethrin II.

Modified test method does not include the following analytes: Bromide, inorganic (calculated as bromide ion), Dichlofluanid, Dithiocarbamates (as CS₂), N-desethyl-pirimiphos-methyl



TYM

Total Yeast & Mold - qPCR
 LAB-TM-006 - Microbial Analysis by qPCR
 TYM-HEM-260105-007-01 - FRI, JAN 9, 2026



Analyte	Value	Action Limit	LOD	LOQ	Status
Total Yeast and Mold*	ND	N/A	1 CFU/g	1 CFU/g	N/A

*Total Yeast and Mold is calculated as the sum of Total Yeast and Total Mold

PH

pH
 LAB-TM-018 - Determination of pH
 PH-HEM-260105-007-01 - THU, JAN 8, 2026



Analyte	Value	Action Limit	LOD	LOQ	Status
pH	5.144	N/A	N/A	N/A	N/A

LMON

Listeria monocytogenes - qPCR - 25g
 LAB-TM-064 - Detection of Presumptive L. monocytogenes in Foods and Dietary Supplements
 LMON-HEM-260105-007-01 - FRI, JAN 9, 2026



Analyte	Value	Action Limit	LOD	LOQ	Status
Listeria monocytogenes	ND	N/A	N/A	N/A	N/A

HVMET

Heavy Metals - Big 4
 LAB-TM-044 - Determination of Heavy Metals by ICP-MS
 HVMET-HEM-260105-007-01 - FRI, JAN 9, 2026



Analyte	Value	Value (mg/g)	Per Serving	Per Package	Action Limit	LOD	LOQ	Status
Arsenic	0.009 ug/g	0.000 mg/g	3.15 ug	3.15 ug	N/A	0.509 ug/kg	2.062 ug/kg	N/A
Cadmium	ND	N/A	N/A	N/A	N/A	0.256 ug/kg	0.509 ug/kg	N/A
Lead	ND	N/A	N/A	N/A	N/A	0.255 ug/kg	0.515 ug/kg	N/A
Mercury	ND	N/A	N/A	N/A	N/A	0.025 ug/kg	0.057 ug/kg	N/A

