Certificate of Analysis

Sample Name: BREZ Flow
Client: Drink BREZ LLC
Sample Code: HEM-250708-009
Matrix Name: Beverage
Type / Result: Compliance - Pass

cambium analytica

Received Date: Fri, Jul 18, 2025
Published Date: Tue, Jul 29, 2025
Batch/Lot Code: BBFL013
Batch Size: 355 mL
Sample Size: 1486.36 g
Average Unit Weight: 355 g

RESULT SUMMARY

Total Terpenes	7.01 mg/serv

BETAG ✓ Alpha & Beta Glucans	TRP ✓ Terpenes	SOL ✓ Residual Solvents USP <467>	COL ✓ Total Coliforms Plate	ECOLI ✓ Total Coliforms & E. coli Plate
FOR ✓ Foreign Matter & Filth	AFLA ✓ Aflatoxins USP <561>	PGUSP ✓ Pesticides USP <561>m	PLUSP ✓ Pesticides USP <561>m	TAMC ✓ Total Aerobic Bacteria Plate
SS ✓ Salmonella & STEC qPCR	BRX ✓ Brix of Liquids	DEN ✓ Density of Liquids	COOX ✓ Dissolved CO2 & O2 Liquids	LMON ✓ Listeria monocytogenes qPCR
TYMFD ✓ Total Yeast & Mold Plate	HPMET ✓ Heavy Metals Expanded 7	MW001 ✓ Fat Total (acid hydrolysis)	MW003 ✓ Sugar Profile	

Approvals

RESULTS REVIEWED BY:

Leslie Varela
Laboratory Director
Cambium Analytica
Tue, Jul 29, 2025

RESULTS CERTIFIED BY:

Douglas Smith
VP - Scientific Operations
Cambium Analytica
Tue, Jul 29, 2025

BETAG

Alpha & Beta Glucans

LAB-TM-082 - Enzymatic Determination of Alpha & Beta Glucans in Fungi
BETAG-HEM-250708-009-01 - THU, JUL 31, 2025

Analyte	Value	Value (mg)	Per Serving	Per Package	Action Limit	LOD	LOQ	Status
Alpha Glucan (Starch, Glycogen, Sucrose, and Trehalose)	1.087 %	10.872 mg/g	3859.56 mg	3859.56 mg	N/A	0.01 %	0.01 %	N/A
Beta Glucan (1,3:1,6-Beta-Glucan, 1,3-Beta-D-Glucan, and 1,3:1,4-Beta-D-Glucan)	8.07 %	80.699 mg/g	28648.14 mg	28648.14 mg	N/A	0.01 %	0.01 %	N/A

TRP

Terpenes

LAB-TM-012 - Determination of Terpenes by GC-MS
TRP-HEM-250708-009-01 - THU, JUL 31, 2025

Analyte	Value	Value (mg)	Per Serving	Per Package	Action Limit	LOD	LOQ	Status
Limonene	0.001 %	0.013 mg/g	4.59 mg	4.59 mg	N/A	0.5 ug/g	1 ug/g	N/A
Alpha Terpineol	0.001 %	0.007 mg/g	2.42 mg	2.42 mg	N/A	0.5 ug/g	1 ug/g	N/A
Alpha Phellandrene	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
Trans Caryophyllene	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
Alpha Pinene	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
Fenchone	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
Geranyl Acetate	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
Cedrol	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
Geraniol	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 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
Sabinene Hydrate	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
Alpha Cedrene	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
Cis Beta Ocimene	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
Cis Nerolidol	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
Gamma Terpinene	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
Sabinene	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
Linalool	ND	N/A	N/A	N/A	N/A	0.5 ug/g	1 ug/g	N/A

TRP

Terpenes

LAB-TM-012 - Determination of Terpenes by GC-MS
TRP-HEM-250708-009-01 - THU, JUL 31, 2025

Analyte	Value	Value (mg)	Per Serving	Per Package	Action Limit	LOD	LOQ	Status
Eucalyptol	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
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
Guaiol	ND	N/A	N/A	N/A	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
Alpha Bisabolol	ND	N/A	N/A	N/A	N/A	0.5 ug/g	1 ug/g	N/A
Total Terpenes	0.002 %	0.02 mg/g	7.01 mg	7.01 mg	N/A	0.5 ug/g	1 ug/g	N/A

SOL

Residual Solvents - USP <467>

LAB-TM-004 - Determination of Residual Solvents
SOL-HEM-250708-009-01 - THU, JUL 31, 2025

Analyte	Value	Action Limit	LOD	LOQ	Status
1,2-Dichloroethane	ND	5 ug/g	0.5 ug/g	1 ug/g	Pass
2,2-Dimethylbutane	ND	N/A	0.98 ug/g	3.27 ug/g	N/A
2,3-Dimethylbutane	ND	N/A	2.19 ug/g	7.32 ug/g	N/A
2-Methylbutane	ND	N/A	1.54 ug/g	5.14 ug/g	N/A
2-Methylpentane	ND	N/A	0.046 ug/g	0.154 ug/g	N/A
3-Methylpentane	ND	N/A	0.73 ug/g	2.44 ug/g	N/A
Acetone	ND	5000 ug/g	1.57 ug/g	5.23 ug/g	Pass
Acetonitrile	ND	410 ug/g	1.85 ug/g	6.17 ug/g	Pass
Benzene	ND	1 ug/g	0.18 ug/g	0.5 ug/g	Pass
Butane	ND	5000 ug/g	1.68 ug/g	5.59 ug/g	Pass
Chloroform	ND	60 ug/g	0.78 ug/g	1 ug/g	Pass
Ethanol	1950.385 ug/g	5000 ug/g	6.02 ug/g	20.1 ug/g	Pass
Ethyl Acetate	ND	5000 ug/g	1.95 ug/g	6.49 ug/g	Pass
Ethyl Ether	ND	5000 ug/g	1.37 ug/g	4.55 ug/g	Pass
Ethylene Oxide	ND	N/A	0.15 ug/g	0.49 ug/g	N/A
Heptane	ND	5000 ug/g	1.31 ug/g	4.37 ug/g	Pass
Hexane	ND	290 ug/g	1.42 ug/g	4.74 ug/g	Pass
Isobutane	ND	N/A	1.6 ug/g	5.34 ug/g	N/A
Isopropyl Alcohol	ND	5000 ug/g	4.9 ug/g	16.3 ug/g	Pass
Methanol	ND	3000 ug/g	7.89 ug/g	26.4 ug/g	Pass
Methylene Chloride	ND	3000 ug/g	1.36 ug/g	4.53 ug/g	Pass
Neopentane	ND	N/A	1.49 ug/g	4.97 ug/g	N/A
Pentane	ND	5000 ug/g	1.46 ug/g	4.87 ug/g	Pass
Propane	ND	5000 ug/g	1.95 ug/g	6.51 ug/g	Pass
Toluene	ND	890 ug/g	1.88 ug/g	6.26 ug/g	Pass
Total Xylenes	ND	2170 ug/g	2.02 ug/g	6.72 ug/g	Pass
Trichloroethylene	ND	80 ug/g	0.29 ug/g	0.96 ug/g	Pass
Butanes (Sum of Butane and Isobutane)	0 ug/g	N/A	N/A	N/A	N/A

References: Modified USP <467>

SOL

Residual Solvents - USP <467>

LAB-TM-004 - Determination of Residual Solvents
SOL-HEM-250708-009-01 - THU, JUL 31, 2025

Analyte	Value	Action Limit	LOD	LOQ	Status
Hexanes (Sum of Hexane, 2,2-Dimethylbutane, 2,3-Dimethylbutane, 2-Methylpentane, and 3-Methylpentane)	0 ug/g	N/A	N/A	N/A	N/A
Pentanes (Sum of Pentane, 2-Methylbutane, and Neopentane)	0 ug/g	N/A	N/A	N/A	N/A

References: Modified USP <467>

COL

Total Coliforms - Plate

LAB-TM-026 - Enumeration of Total Coliforms on 3M CC Plates
COL-HEM-250708-009-01 - THU, JUL 31, 2025

Analyte	Value	Action Limit	LOD	LOQ	Status
Total Coliforms	ND	Detection	10 CFU/g	10 CFU/g	Pass

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-250708-009-01 - THU, JUL 31, 2025

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

FOR

Foreign Matter & Filth

LAB-TM-007 - Foreign Matter and Filth Analysis
FOR-HEM-250708-009-01 - THU, JUL 31, 2025

Analyte	Value	Action Limit	LOD	LOQ	Status
Inorganic Matter	0 %	N/A	N/A	N/A	N/A
Organic Matter	0 %	N/A	N/A	N/A	N/A
Stems	0 %	N/A	N/A	N/A	N/A
Trichome Oxidation	0	N/A	N/A	N/A	N/A
Visible Mold	0	N/A	N/A	N/A	N/A
Total Foreign Matter	0 %	N/A	N/A	N/A	N/A

AFLA

Aflatoxins - USP <561>

LAB-TM-043 - USP 561 Aflatoxins Analysis in Articles of Botanical Origin by LC-TQ
AFLA-HEM-250708-009-01 - THU, JUL 31, 2025

Analyte	Value	Action Limit	LOD	LOQ	Status
Aflatoxin B2	ND	N/A	0.001 ug/g	0.002 ug/g	N/A
Ochratoxin A	ND	Detection	0.001 ug/g	0.002 ug/g	Pass
Aflatoxin B1	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 G1	ND	N/A	0.001 ug/g	0.002 ug/g	N/A
Aflatoxins (Sum of B1, B2, G1, and G2)	0 ug/g	Detection	N/A	N/A	Pass

PGUSP

Pesticides - USP <561>m - GC/TQ

LAB-TM-039 - USP 561 Pesticides Analysis in Articles of Botanical Origin by GC/TQ
PGUSP-HEM-250708-009-01 - THU, JUL 31, 2025

Analyte	Value	Action Limit	LOD	LOQ	Status
Aldrin + Dieldrin	ND	0.05 ug/g	0.1 ng/g	0.2 ng/g	Pass

References: USP <561> mod

Modified Test Method does not include the following analytes: Bromide, inorganic (calculated as bromide ion) Chlorpyriphos-methyl Dichlofluanid Dithiocarbamates (as CS2) Parathion-methyl and Paraoxon-methyl (sum of)

PGUSP

Pesticides - USP <561>m - GC/TQ

LAB-TM-039 - USP 561 Pesticides Analysis in Articles of Botanical Origin by GC/TQ
PGUSP-HEM-250708-009-01 - THU, JUL 31, 2025

Analyte	Value	Action Limit	LOD	LOQ	Status
Bromophos Ethyl	ND	0.05 ug/g	0.1 ng/g	0.2 ng/g	Pass
Bromophos Methyl	ND	0.05 ug/g	0.1 ng/g	0.2 ng/g	Pass
Bromopropylate	ND	3 ug/g	6 ng/g	12 ng/g	Pass
Chlordane (Sum of -Cis, -Trans, Oxychlordane)	ND	0.05 ug/g	0.1 ng/g	0.2 ng/g	Pass
Chlorpyrifos Methyl	ND	N/A	0.2 ng/g	0.4 ng/g	N/A
Chlorthal-Dimethyl	ND	0.01 ug/g	0.02 ng/g	0.04 ng/g	Pass
DDT (Sum of O,P-DDE, P,P-DDE, O,P-DDT, P,P-DDT, O,P-TDE, and P,P-TDE)	ND	1 ug/g	2 ng/g	4 ng/g	Pass
Dicofol	ND	0.5 ug/g	1 ng/g	2 ng/g	Pass
Endosulfan (Sum of Isomers and Sulphate)	ND	3 ug/g	6 ng/g	12 ng/g	Pass
Endrin	ND	0.05 ug/g	0.1 ng/g	0.2 ng/g	Pass
Fenchlorophos (Sum of Fenchlorophos and Fenchlorophos-Oxon)	ND	0.1 ug/g	0.2 ng/g	0.4 ng/g	Pass
Fenitrothion	ND	0.5 ug/g	1 ng/g	2 ng/g	Pass
Fenvalerate	ND	1.5 ug/g	3 ng/g	6 ng/g	Pass
Fluvalinate-Tau	ND	0.05 ug/g	0.1 ng/g	0.2 ng/g	Pass
Heptachlor (Sum of Heptachlor, Cis-Heptachlorepoxide, and Trans-Heptachlorepoxide)	ND	0.05 ug/g	0.1 ng/g	0.2 ng/g	Pass
Hexachlorobenzene	ND	0.1 ug/g	0.2 ng/g	0.4 ng/g	Pass
Hexachlorocyclohexane (Sum of Isomers Alpha-, Beta-, Delta-, and Epsilon-)	ND	0.3 ug/g	0.6 ng/g	1.2 ng/g	Pass
Lindane (Gamma-Hexachlorocyclohexane)	ND	0.6 ug/g	1.2 ng/g	2.4 ng/g	Pass
Methacriphos	ND	0.05 ug/g	0.1 ng/g	0.2 ng/g	Pass
Methoxychlor	ND	0.05 ug/g	0.1 ng/g	0.2 ng/g	Pass
Mirex	ND	0.01 ug/g	0.02 ng/g	0.04 ng/g	Pass
Parathion Ethyl + Paraoxon Ethyl	ND	0.5 ug/g	1 ng/g	2 ng/g	Pass
Parathion Methyl + Paraoxon Methyl	ND	N/A	0.4 ng/g	0.8 ng/g	N/A
Pentachloroanisole	ND	0.01 ug/g	0.02 ng/g	0.04 ng/g	Pass
Procymidone	ND	0.1 ug/g	0.2 ng/g	0.4 ng/g	Pass
Quintozene (Sum of Quintozene, Pentachloroaniline, and Methyl-Pentachlorophenyl Sulfide)	ND	1 ug/g	2 ng/g	4 ng/g	Pass
S-421	ND	0.02 ug/g	0.04 ng/g	0.08 ng/g	Pass
Tecnazene	ND	0.05 ug/g	0.1 ng/g	0.2 ng/g	Pass
Tetradifon	ND	0.3 ug/g	0.6 ng/g	1.2 ng/g	Pass
Vinclozolin	ND	0.4 ug/g	0.8 ng/g	1.6 ng/g	Pass

References: USP <561> mod

Modified Test Method does not include the following analytes: Bromide, inorganic (calculated as bromide ion) Chlorpyriphos-methyl Dichlofluanid Dithiocarbamates (as CS2) Parathion-methyl and Paraoxon-methyl (sum of)

PLUSP

Pesticides - USP <561>m - LC/TQ

LAB-TM-038 - USP 561 Pesticide Analysis in Articles of Botanical Origin by LC/TQ
PLUSP-HEM-250708-009-01 - THU, JUL 31, 2025

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

References: USP <561> mod

Modified Test Method does not include the following analytes: Bromide, inorganic (calculated as bromide ion) Chlorpyriphos-methyl Dichlofluanid Dithiocarbamates (as CS2) Parathion-methyl and Paraoxon-methyl (sum of)

PLUSP

Pesticides - USP <561>m - LC/TQ

LAB-TM-038 - USP 561 Pesticide Analysis in Articles of Botanical Origin by LC/TQ
PLUSP-HEM-250708-009-01 - THU, JUL 31, 2025

Analyte	Value	Action Limit	LOD	LOQ	Status
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 + Omethoate	ND	0.1 ug/g	12.5 ng/g	25 ng/g	Pass
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 (Sum of Fensulfothion, Fensulfothion-Oxon, Fensulfothion-Oxon-Sulfone, and Fensulfothion-Sulfone)	ND	0.05 ug/g	12.5 ng/g	25 ng/g	Pass
Fenthion (Sum of Fenthion, Fenthion-Oxon, Fenthion-Oxon-Sulfone, Fenthion-Oxon-Sulfoxide, Fenthion-Sulfone, and Fenthion-Sulfoxide)	ND	0.05 ug/g	12.5 ng/g	25 ng/g	Pass
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
Malathion + Malaoxon	ND	1 ug/g	12.5 ng/g	25 ng/g	Pass
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
Pendimethalin	ND	0.1 ug/g	12.5 ng/g	25 ng/g	Pass
Permethrins (Sum of Cis- 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 (Sum of Pirimiphos-Methyl and n-Desethyl-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 (Sum of Cinerin 1, Jasmolin 1, and Pyrethrin 1)	ND	3 ug/g	12.5 ng/g	25 ng/g	Pass
Quinalphos	ND	0.05 ug/g	12.5 ng/g	25 ng/g	Pass

References: USP <561> mod

Modified Test Method does not include the following analytes: Bromide, inorganic (calculated as bromide ion) Chlorpyriphos-methyl Dichlofluanid Dithiocarbamates (as CS2) Parathion-methyl and Paraoxon-methyl (sum of)

TAMC

Total Aerobic Bacteria - Plate - 25g - Full Range

LAB-TM-060 - Enumeration of Total Aerobic Count in Foods and Dietary Supplements
TAMC-HEM-250708-009-01 - THU, JUL 31, 2025

Analyte	Value	Action Limit	LOD	LOQ	Status
Total Aerobic Count	ND	10000 CFU/g	10 CFU/g	10 CFU/g	Pass

SS

Salmonella & STEC - qPCR

LAB-TM-006 - Microbial Analysis by qPCR
SS-HEM-250708-009-01 - THU, JUL 31, 2025

Analyte	Value	Action Limit	LOD	LOQ	Status
Salmonella Spp	ND	N/A	N/A	N/A	N/A
Shiga Toxin Producing E. coli	ND	N/A	N/A	N/A	N/A

BRX

Brix of Liquids

LAB-TM-017 - Brix & Density Analysis
BRX-HEM-250708-009-01 - THU, JUL 31, 2025

Analyte	Value	Action Limit	LOD	LOQ	Status
Brix	3.4 bx	N/A	N/A	N/A	N/A

DEN

Density of Liquids

LAB-TM-017 - Brix & Density Analysis
DEN-HEM-250708-009-01 - THU, JUL 31, 2025

Analyte	Value	Action Limit	LOD	LOQ	Status
Density	1.011 g/mL	N/A	N/A	N/A	N/A

COOX

Dissolved CO2 & O2 - Liquids

LAB-TM-020 - Determination of Carbon Dioxide and Dissolved Oxygen in Beverages
COOX-HEM-250708-009-01 - THU, JUL 31, 2025

Analyte	Value	Action Limit	LOD	LOQ	Status
Dissolved Carbon Dioxide	2.12 vol	N/A	N/A	N/A	N/A
Dissolved Oxygen	62.6 ug/kg	N/A	N/A	N/A	N/A

LMON

Listeria monocytogenes - qPCR - 25g

LAB-TM-064 - Detection and Isolation of L. monocytogenes in Foods and Dietary Supplements
LMON-HEM-250708-009-01 - THU, JUL 31, 2025

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

TYMFD

Total Yeast & Mold - Plate - 25g - Full Range

LAB-TM-061 - Enumeration of Yeast and Mold in Foods and Dietary Supplements
TYMFD-HEM-250708-009-01 - THU, JUL 31, 2025

Analyte	Value	Action Limit	LOD	LOQ	Status
Total Mold	ND	N/A	10 CFU/g	10 CFU/g	N/A
Total Yeast	ND	N/A	10 CFU/g	10 CFU/g	N/A
Total Yeast and Mold	ND	Detection	10 CFU/g	10 CFU/g	Pass

HPMET

Heavy Metals - Expanded 7

LAB-TM-044 - Determination of Heavy Metals by ICP-MS
HPMET-HEM-250708-009-01 - THU, JUL 31, 2025

Analyte	Value	Value (mg)	Per Serving	Per Package	Action Limit	LOD	LOQ	Status
Arsenic	ND	N/A	N/A	N/A	1.5 ug/g	0.509 ug/kg	2.062 ug/kg	Pass

HPMET

Heavy Metals - Expanded 7

LAB-TM-044 - Determination of Heavy Metals by ICP-MS
HPMET-HEM-250708-009-01 - THU, JUL 31, 2025

Analyte	Value	Value (mg)	Per Serving	Per Package	Action Limit	LOD	LOQ	Status
Cadmium	ND	N/A	N/A	N/A	0.5 ug/g	0.256 ug/kg	0.509 ug/kg	Pass
Chromium	0.003 ug/g	0 mg/g	1.06 ug	1.06 ug	N/A	0.259 ug/kg	0.509 ug/kg	N/A
Copper	0.012 ug/g	0 mg/g	4.37 ug	4.37 ug	N/A	0.255 ug/kg	1.015 ug/kg	N/A
Lead	ND	N/A	N/A	N/A	0.5 ug/g	0.255 ug/kg	0.515 ug/kg	Pass
Mercury	0 ug/g	0 mg/g	0.08 ug	0.08 ug	3 ug/g	0.025 ug/kg	0.057 ug/kg	Pass
Nickel	0.004 ug/g	0 mg/g	1.43 ug	1.43 ug	N/A	0.251 ug/kg	1.071 ug/kg	N/A

MW001

Fat - Total (acid hydrolysis)

FO 008 - Fat (acid hydrolysis) - Contracted to Midwest Laboratories LLC
MW001-HEM-250708-009-01 - THU, JUL 31, 2025

Analyte	Value	Value (mg)	Per Serving	Per Package	Action Limit	LOD	LOQ	Status
Fat (acid hydrolysis)	0.2 %	2 mg/g	710 mg	710 mg	N/A	N/A	0.1 %	N/A

References: AOAC 922.06 (mod)

MW003

Sugar Profile

HPLC 009 - Sugar Profile - Contracted to Midwest Laboratories LLC
MW003-HEM-250708-009-01 - THU, JUL 31, 2025

Analyte	Value	Value (mg)	Per Serving	Per Package	Action Limit	LOD	LOQ	Status
Fructose	2.3 %	23 mg/g	8165 mg	8165 mg	N/A	N/A	0.2 %	N/A
Glucose	0.4 %	4 mg/g	1420 mg	1420 mg	N/A	N/A	0.2 %	N/A
Lactose	< 0.2 %	N/A	N/A	N/A	N/A	N/A	0.2 %	N/A
Maltose	< 0.2 %	N/A	N/A	N/A	N/A	N/A	0.2 %	N/A
Sucrose	< 0.2 %	N/A	N/A	N/A	N/A	N/A	0.2 %	N/A
Total Sugars	3.3 %	33 mg/g	11715 mg	11715 mg	N/A	N/A	N/A	N/A

References: AOAC 982.14C/AACC 80-04.01(mod)