

CERTIFICATE OF ANALYSIS

SAMPLE NAME: BREZ FLOW BBFL005
SAMPLE CODE: HEM-250308-002
CLIENT: DRINK BREZ LLC
BATCH RESULT: PASS

MATRIX NAME: Beverage
SAMPLE TYPE: Compliance
RECEIVED DATE: Mon, Mar 10, 2025
PUBLISHED DATE: Mon, Mar 24, 2025
BATCH/LOT CODE: BBFL005
BATCH SIZE: N/A
SAMPLE SIZE: 4U
AVERAGE UNIT WEIGHT: 355.82g

TOTAL TERPENES 0.006 %

CAFFEINE ND



BETAG ✓ Alpha & Beta Glucans	TRP ✓ Terpenes	SOL ✓ Residual Solvents USP <467>	ECOLI ✓ Total E. Coli & Coliforms 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 ✓ Carbon Dioxide & Dissolved Oxygen of Liquids	PH ✓ pH	LMON ✓ Listeria monocytogenes qPCR
CAFFE ✓ Caffeine	TYMFD ✓ Total Yeast & Mold Plate	HPMET ✓ Heavy Metals 7	MW001 ✓ Fat Total (acid hydrolysis)	MW003 ✓ Sugar Profile

APPROVALS

RESULTS REVIEWED BY:



Leslie Varela
Laboratory Director

Cambium Analytica
Monday, Mar 24, 2025

RESULTS CERTIFIED BY:



Douglas Smith
VP - Scientific Operations

Cambium Analytica
Monday, Mar 24, 2025

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BETAG

ALPHA & BETA GLUCANSLAB-TM-082 - ENZYMATIC DETERMINATION OF ALPHA & BETA GLUCANS IN FUNGI
BETAG-HEM-250308-002-01 - WED, MAR 12, 2025

ANALYTE	VALUE	VALUE (MG/G)	PER SERVING	PER PACKAGE	ACTION LIMIT	LOD	LOQ	STATUS
Alpha Glucan (Starch, Glycogen, Sucrose, and Trehalose)	1.323 %	13.228 mg/g	4706.79 mg	4706.79 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)	5.546 %	55.458 mg/g	19733.07 mg	19733.07 mg	N/A	0.01 %	0.01 %	N/A



TRP

TERPENES

LAB-TM-012 - DETERMINATION OF TERPENES BY GC-MS
TRP-HEM-250308-002-01 - WED, MAR 12, 2025

ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ	STATUS
Alpha Terpineol	0.002 %	N/A	0.5 ug/g	1 ug/g	N/A
Limonene	0.002 %	N/A	0.5 ug/g	1 ug/g	N/A
Geranyl Acetate	0.001 %	N/A	0.5 ug/g	1 ug/g	N/A
Linalool	0.001 %	N/A	0.5 ug/g	1 ug/g	N/A
1,R-Endo-Fenchyl Alcohol	ND	N/A	0.5 ug/g	1 ug/g	N/A
Alpha Bisabolol	ND	N/A	0.5 ug/g	1 ug/g	N/A
Alpha Cedrene	ND	N/A	0.5 ug/g	1 ug/g	N/A
Alpha Humulene	ND	N/A	0.5 ug/g	1 ug/g	N/A
Alpha Phellandrene	ND	N/A	0.5 ug/g	1 ug/g	N/A
Alpha Pinene	ND	N/A	0.5 ug/g	1 ug/g	N/A
Alpha Terpinene	ND	N/A	0.5 ug/g	1 ug/g	N/A
Beta Myrcene	ND	N/A	0.5 ug/g	1 ug/g	N/A
Beta Pinene	ND	N/A	0.5 ug/g	1 ug/g	N/A
Borneol	ND	N/A	0.5 ug/g	1 ug/g	N/A
Camphene	ND	N/A	0.5 ug/g	1 ug/g	N/A
Camphor	ND	N/A	0.5 ug/g	1 ug/g	N/A
Caryophyllene Oxide	ND	N/A	0.5 ug/g	1 ug/g	N/A
Cedrol	ND	N/A	0.5 ug/g	1 ug/g	N/A
Cis Beta Ocimene	ND	N/A	0.5 ug/g	1 ug/g	N/A
Cis Nerolidol	ND	N/A	0.5 ug/g	1 ug/g	N/A
DL-Menthol	ND	N/A	0.5 ug/g	1 ug/g	N/A
Delta-3 Carene	ND	N/A	0.5 ug/g	1 ug/g	N/A
Eucalyptol	ND	N/A	0.5 ug/g	1 ug/g	N/A
Fenchone	ND	N/A	0.5 ug/g	1 ug/g	N/A
Gamma Terpinene	ND	N/A	0.5 ug/g	1 ug/g	N/A
Geraniol	ND	N/A	0.5 ug/g	1 ug/g	N/A
Guaiol	ND	N/A	0.5 ug/g	1 ug/g	N/A
Isoborneol	ND	N/A	0.5 ug/g	1 ug/g	N/A
Isopulegol	ND	N/A	0.5 ug/g	1 ug/g	N/A
Nerol	ND	N/A	0.5 ug/g	1 ug/g	N/A
Pulegone	ND	N/A	0.5 ug/g	1 ug/g	N/A
Sabinene	ND	N/A	0.5 ug/g	1 ug/g	N/A
Sabinene Hydrate	ND	N/A	0.5 ug/g	1 ug/g	N/A
Terpinolene	ND	N/A	0.5 ug/g	1 ug/g	N/A
Trans Beta Ocimene	ND	N/A	0.5 ug/g	1 ug/g	N/A



TRP

TERPENES

LAB-TM-012 - DETERMINATION OF TERPENES BY GC-MS
TRP-HEM-250308-002-01 - WED, MAR 12, 2025

ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ	STATUS
Trans Caryophyllene	ND	N/A	0.5 ug/g	1 ug/g	N/A
Trans Nerolidol	ND	N/A	0.5 ug/g	1 ug/g	N/A
Valencene	ND	N/A	0.5 ug/g	1 ug/g	N/A
Total Terpenes	0.006 %	N/A	0.5 ug/g	1 ug/g	N/A





RESIDUAL SOLVENTS - USP <467>
 LAB-TM-004 - DETERMINATION OF RESIDUAL SOLVENTS
 SOL-HEM-250308-002-01 - THU, MAR 13, 2025



ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ	STATUS
1,2-Dichloroethane	ND	1.0 ug/g	0.4 ug/g	1.00 ug/g	PASS
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
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
3-Methylpentane	ND	N/A	0.73 ug/g	2.44 ug/g	N/A
Acetone	ND	5000.0 ug/g	1.57 ug/g	5.23 ug/g	PASS
Acetonitrile	ND	410.0 ug/g	1.85 ug/g	6.17 ug/g	PASS
Benzene	ND	1.0 ug/g	0.18 ug/g	0.50 ug/g	PASS
Butane	ND	5000.0 ug/g	1.68 ug/g	5.59 ug/g	PASS
Chloroform	ND	1.0 ug/g	0.78 ug/g	1.00 ug/g	PASS
Ethanol	2809.154 ug/g	5000.0 ug/g	6.02 ug/g	20.1 ug/g	PASS
Ethyl Acetate	ND	5000.0 ug/g	1.95 ug/g	6.49 ug/g	PASS
Ethyl Ether	ND	5000.0 ug/g	1.37 ug/g	4.55 ug/g	PASS
Ethylene Oxide	ND	1.0 ug/g	0.15 ug/g	0.49 ug/g	PASS
Heptane	ND	5000.0 ug/g	1.31 ug/g	4.37 ug/g	PASS
Hexane	ND	290.0 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	5000.0 ug/g	4.9 ug/g	16.3 ug/g	PASS
Methanol	ND	3000.0 ug/g	7.89 ug/g	26.4 ug/g	PASS
Methylene Chloride	ND	1.0 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	5000.0 ug/g	1.46 ug/g	4.87 ug/g	PASS
Propane	ND	5000.0 ug/g	1.95 ug/g	6.51 ug/g	PASS
Toluene	ND	890.0 ug/g	1.88 ug/g	6.26 ug/g	PASS
Total Xylenes	ND	2170.0 ug/g	2.02 ug/g	6.72 ug/g	PASS
Trichloroethylene	ND	1.0 ug/g	0.29 ug/g	0.96 ug/g	PASS
Butanes (Sum of Butane and Isobutane)	0.000 ug/g	N/A	N/A	N/A	N/A
Hexanes (Sum of Hexane, 2,2-Dimethylbutane, 2,3-Dimethylbutane, 2-Methylpentane, and 3-Methylpentane)	0.000 ug/g	N/A	N/A	N/A	N/A
Pentanes (Sum of Pentane, 2-Methylbutane, and Neopentane)	0.000 ug/g	N/A	N/A	N/A	N/A



ECOLI **TOTAL E. COLI & COLIFORMS - PLATE**
 LAB-TM-059 - ENUMERATION OF ESCHERICHIA COLI AND TOTAL COLIFORM IN FOODS AND DIETARY SUPPLEMENTS
 ECOLI-HEM-250308-002-01 - WED, MAR 12, 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-250308-002-01 - WED, MAR 12, 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
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-250308-002-01 - THU, MAR 13, 2025



ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ	STATUS
Aflatoxin B1	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
Ochratoxin A	ND	Detection	0.001 ug/g	0.002 ug/g	PASS
Aflatoxins (Sum of B1, B2, G1, and G2)	0.000 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-250308-002-01 - FRI, MAR 14, 2025

ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ	STATUS
Aldrin + Dieldrin	ND	0.05 ug/g	0.1 ng/g	0.2 ng/g	PASS
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	3.00 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
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	1.00 ug/g	2 ng/g	4 ng/g	PASS
Dicofol	ND	0.50 ug/g	1 ng/g	2 ng/g	PASS
Endosulfan (Sum of Isomers and Sulphate)	ND	3.00 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	0.10 ug/g	0.2 ng/g	0.4 ng/g	PASS
Fenitrothion	ND	0.50 ug/g	1 ng/g	2 ng/g	PASS
Fenvalerate	ND	1.50 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-Heptachlorepoxyde, and Trans-Heptachlorepoxyde)	ND	0.05 ug/g	0.1 ng/g	0.2 ng/g	PASS
Hexachlorobenzene	ND	0.10 ug/g	0.2 ng/g	0.4 ng/g	PASS
Hexachlorocyclohexane (Sum of Isomers Alpha-, Beta-, Delta-, and Epsilon-)	ND	0.30 ug/g	0.6 ng/g	1.2 ng/g	PASS
Lindane (Gamma-Hexachlorocyclohexane)	ND	0.60 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	0.50 ug/g	1 ng/g	2 ng/g	PASS
Pentachloroanisole	ND	0.01 ug/g	0.02 ng/g	0.04 ng/g	PASS
Procymidone	ND	0.10 ug/g	0.2 ng/g	0.4 ng/g	PASS
Quintozene (Sum of Quintozene, Pentachloroaniline, and Methyl-Pentachlorophenyl Sulfide)	ND	1.00 ug/g	2 ng/g	4 ng/g	PASS

Modified Test Method does not include the following analytes:

Bromide, inorganic (calculated as bromide ion)

Chlorpyrifos-methyl

Dichlofluanid

Dithiocarbamates (as CS₂)

Parathion-methyl and Paraoxon-methyl (sum of)



PGUSP

PESTICIDES - USP <561>M - GC/TQLAB-TM-039 - USP 561 PESTICIDES ANALYSIS IN ARTICLES OF BOTANICAL ORIGIN BY GC/TQ
PGUSP-HEM-250308-002-01 - FRI, MAR 14, 2025

ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ	STATUS
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	0.30 ug/g	0.6 ng/g	1.2 ng/g	PASS
Vinclozolin	ND	0.40 ug/g	0.8 ng/g	1.6 ng/g	PASS

Modified Test Method does not include the following analytes:

Bromide, inorganic (calculated as bromide ion)

Chlorpyrifos-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-250308-002-01 - WED, MAR 12, 2025

ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ	STATUS
Acephate	ND	0.10 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	0.10 ug/g	12.5 ng/g	25 ng/g	PASS
Azinphos Methyl	ND	1.00 ug/g	12.5 ng/g	25 ng/g	PASS
Chlorfenvinphos	ND	0.50 ug/g	12.5 ng/g	25 ng/g	PASS
Chlorpyrifos Ethyl	ND	0.20 ug/g	12.5 ng/g	25 ng/g	PASS
Cyfluthrin	ND	0.10 ug/g	12.5 ng/g	25 ng/g	PASS
Cypermethrin	ND	1.00 ug/g	12.5 ng/g	25 ng/g	PASS
Deltamethrin	ND	0.50 ug/g	12.5 ng/g	25 ng/g	PASS
Diazinon	ND	0.50 ug/g	12.5 ng/g	25 ng/g	PASS
Dichlorvos	ND	1.00 ug/g	12.5 ng/g	25 ng/g	PASS
Dimethoate + Omethoate	ND	0.10 ug/g	12.5 ng/g	25 ng/g	PASS
Ethion	ND	2.00 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	1.00 ug/g	12.5 ng/g	25 ng/g	PASS
Malathion + Malaaxon	ND	1.00 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	0.20 ug/g	12.5 ng/g	25 ng/g	PASS
Monocrotophos	ND	0.10 ug/g	12.5 ng/g	25 ng/g	PASS
Pendimethalin	ND	0.10 ug/g	12.5 ng/g	25 ng/g	PASS
Permethrins (Sum of Cis- and Trans-Permethrin)	ND	1.00 ug/g	12.5 ng/g	25 ng/g	PASS
Phosalone	ND	0.10 ug/g	12.5 ng/g	25 ng/g	PASS
Phosmet	ND	0.05 ug/g	12.5 ng/g	25 ng/g	PASS

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Bromide, inorganic (calculated as bromide ion)

Chlorpyrifos-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-250308-002-01 - WED, MAR 12, 2025

ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ	STATUS
Piperonyl Butoxide	ND	3.00 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	4.00 ug/g	12.5 ng/g	25 ng/g	PASS
Profenophos	ND	0.10 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	3.00 ug/g	12.5 ng/g	25 ng/g	PASS
Quinalphos	ND	0.05 ug/g	12.5 ng/g	25 ng/g	PASS

Modified Test Method does not include the following analytes:

Bromide, inorganic (calculated as bromide ion)

Chlorpyrifos-methyl

Dichlofluanid

Dithiocarbamates (as CS₂)

Parathion-methyl and Paraoxon-methyl (sum of)



TAMC **TOTAL AEROBIC BACTERIA - PLATE**
 LAB-TM-060 - ENUMERATION OF TOTAL AEROBIC COUNT IN FOODS AND DIETARY SUPPLEMENTS
 TAMC-HEM-250308-002-01 - WED, MAR 12, 2025



ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ	STATUS
Total Aerobic Count	ND	Detection	100 CFU/g	100 CFU/g	PASS

SS **SALMONELLA & STEC- QPCR**
 LAB-TM-006 - MICROBIAL ANALYSIS BY QPCR
 SS-HEM-250308-002-01 - WED, MAR 12, 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-250308-002-01 - THU, MAR 13, 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-250308-002-01 - THU, MAR 13, 2025



ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ	STATUS
Density	1.0132 g/mL	N/A	N/A	N/A	N/A

COOX **CARBON DIOXIDE & DISSOLVED OXYGEN OF LIQUIDS**
 LAB-TM-020 - DETERMINATION OF CARBON DIOXIDE AND DISSOLVED OXYGEN IN BEVERAGES
 COOX-HEM-250308-002-01 - THU, MAR 13, 2025



ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ	STATUS
Dissolved Carbon Dioxide	2.40 vol	N/A			N/A
Dissolved Oxygen	46.1 ug/kg	N/A			N/A

PH **PH**
 LAB-TM-018 - DETERMINATION OF PH
 PH-HEM-250308-002-01 - MON, MAR 17, 2025



ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ	STATUS
pH	2.897	N/A			N/A

LMON **LISTERIA MONOCYTOGENES - QPCR - 25 G**
 LAB-TM-064 - DETECTION AND ISOLATION OF L. MONOCYTOGENES IN FOODS AND DIETARY SUPPLEMENTS
 LMON-HEM-250308-002-01 - WED, MAR 12, 2025



ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ	STATUS
Listeria monocytogenes	ND	Detection	1 CFU/g	N/A	PASS

CAFFE **CAFFEINE**
 LAB-TM-076 - DETERMINATION OF CAFFEINE AND MELATONIN BY HPLC
 CAFFE-HEM-250308-002-01 - WED, MAR 12, 2025



ANALYTE	VALUE	VALUE (MG/G)	PER SERVING	PER PACKAGE	ACTION LIMIT	LOD	LOQ	STATUS
Caffeine	ND	N/A	N/A	N/A	N/A	0.494 ug/g	1.516 ug/g	N/A



TYMFD

TOTAL YEAST & MOLD - PLATE

LAB-TM-061 - ENUMERATION OF YEAST AND MOLD IN FOODS AND DIETARY SUPPLEMENTS
TYMFD-HEM-250308-002-01 - THU, MAR 13, 2025

ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ	STATUS
Total Yeast and Mold	ND	Detection	10 CFU/g	10 CFU/g	PASS

HPMET

HEAVY METALS - 7

LAB-TM-044 - DETERMINATION OF HEAVY METALS BY ICP-MS
HPMET-HEM-250308-002-01 - WED, MAR 12, 2025



ANALYTE	VALUE	VALUE (MG/G)	PER SERVING	PER PACKAGE	ACTION LIMIT	LOD	LOQ	STATUS
Arsenic	ND	N/A	N/A	N/A	1.5 ug/g	0.198 ug/kg	0.662 ug/kg	PASS
Cadmium	ND	N/A	N/A	N/A	0.5 ug/g	0.082 ug/kg	0.272 ug/kg	PASS
Chromium	0.008 ug/g	0.000 mg/g	3.02 ug	3.02 ug	N/A	0.627 ug/kg	2.091 ug/kg	N/A
Copper	0.019 ug/g	0.000 mg/g	6.86 ug	6.86 ug	N/A	0.155 ug/kg	0.515 ug/kg	N/A
Lead	ND	N/A	N/A	N/A	0.5 ug/g	0.155 ug/kg	0.515 ug/kg	PASS
Mercury	ND	N/A	N/A	N/A	3.0 ug/g	0.017 ug/kg	0.057 ug/kg	PASS
Nickel	0.002 ug/g	0.000 mg/g	0.86 ug	0.86 ug	N/A	0.321 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-250308-002-01 - MON, MAR 24, 2025



ANALYTE	VALUE	VALUE (MG/G)	PER SERVING	PER PACKAGE	ACTION LIMIT	LOD	LOQ	STATUS
Fat (acid hydrolysis)	0.400 %	4.000 mg/g	1423.28 mg	1423.28 mg	N/A	N/A	0.1 %	N/A

MW003

SUGAR PROFILE

HPLC 009 - SUGAR PROFILE - CONTRACTED TO MIDWEST LABORATORIES LLC
MW003-HEM-250308-002-01 - MON, MAR 24, 2025



ANALYTE	VALUE	VALUE (MG/G)	PER SERVING	PER PACKAGE	ACTION LIMIT	LOD	LOQ	STATUS
Maltose	< 0.8 %	N/A	N/A	N/A	N/A	N/A	0.8 %	N/A
Sucrose	< 0.8 %	N/A	N/A	N/A	N/A	N/A	0.8 %	N/A
Fructose	2.600 %	26.000 mg/g	9251.32 mg	9251.32 mg	N/A	N/A	0.8 %	N/A
Glucose	< 0.8 %	N/A	N/A	N/A	N/A	N/A	0.8 %	N/A
Lactose	< 0.8 %	N/A	N/A	N/A	N/A	N/A	0.8 %	N/A
Total Sugars	2.600 %	26.000 mg/g	9251.32 mg	9251.32 mg	N/A	N/A	N/A	N/A

