

Certificate of Analysis

Sample Name: Part # 00041 - Citric Acid
Client: MIT45
Sample Code: DTS-250623-024
Matrix Name: Ingredient Powder
Type / Result: Quality Assurance - Pass



Received Date: Wed, Jun 25, 2025
Published Date: Mon, Jun 30, 2025
Batch/Lot Code: AA-24061235-FG
Batch Size: N/A
Sample Size: 1U

SAL ✓
Salmonella
qPCR

ECOLI ✓
Total Coliforms & E. coli
Plate

TAMC ✓
Total Aerobic Bacteria
Plate

SAUR ✓
Staphylococcus aureus
Plate

TYMFD ✓
Total Yeast & Mold
Plate

FTIRR ✓
Identification by FTIR
Report

Approvals

RESULTS REVIEWED BY:

Leslie Varela
Laboratory Director

Cambium Analytica
Monday, Jun 30, 2025

RESULTS CERTIFIED BY:

Douglas Smith
VP - Scientific
Operations

Cambium Analytica
Monday, Jun 30, 2025

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SAL

Salmonella - qPCR - 25g

LAB-TM-063 - Detection and Isolation of Salmonella spp. in Foods and Dietary Supplements

SAL-DTS-250623-024-01 - MON, JUN 30, 2025

Analyte	Value	Action Limit	LOD	LOQ	Status
Salmonella Spp	ND	Detection	N/A	N/A	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-DTS-250623-024-01 - FRI, JUN 27, 2025

Analyte	Value	Action Limit	LOD	LOQ	Status
E. coli	ND	Detection	10 CFU/g	10 CFU/g	PASS
Total Coliforms	ND	1000 CFU/g	10 CFU/g	10 CFU/g	PASS

TAMC

Total Aerobic Bacteria - Plate - 25g - Full Range

LAB-TM-060 - Enumeration of Total Aerobic Count in Foods and Dietary Supplements

TAMC-DTS-250623-024-01 - FRI, JUN 27, 2025

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

SAUR

Staphylococcus aureus - Plate - 25g

LAB-TM-062 - Enumeration of Staphylococcus aureus in Foods and Dietary Supplements

SAUR-DTS-250623-024-01 - FRI, JUN 27, 2025

Analyte	Value	Action Limit	LOD	LOQ	Status
S. aureus	ND	Detection	10 CFU/g	10 CFU/g	PASS

TYMFD

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

LAB-TM-061 - Enumeration of Yeast and Mold in Foods and Dietary Supplements

TYMFD-DTS-250623-024-01 - MON, JUN 30, 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	100 CFU/g	10 CFU/g	10 CFU/g	PASS

FTIRR

Identification by FTIR - Report

null Identification by FTIR

FTIRR-DTS-250623-024-01 - FRI, JUN 27, 2025

Analyte	Value	Action Limit	LOD	LOQ	Status
Quality Index Score	98.89 %	95-100 %	N/A	N/A	PASS

Matched Library Item: Citric Acid Part:00041 Lot:AA-2311

