

## Certificate of Analysis

### QUALITY CONTROL LABORATORY ANALYTICAL REPORT

Date: May 09, 2024

Product: Ca+Much Calcium Citrate Powder

Product Code: 600101

Lot No.: 62404122

Manufacture: Apr. 22, 2024

Active Ingredients	* Base on Input	Per Unit	RESULT
Calcium Citrate (Contains 21.1% of Calcium)		473.93 mg	*
Magnesium Oxide (Contains 58% Magnesium)		86.21 mg	*
Zinc Gluconate (Contains 20% Zinc)		3.33 mg	*
Copper Gluconate (Contains 10% Copper)		3.33 mg	*
Manganese Gluconate (Contains 20% Manganese)		3.33 mg	*
Casein Phosphopeptides		2.00 mg	*
Vitamin K2		48 mcg	*
Vitamin D3 (Cholecalciferol)		15 mcg	*

**Excipients:** Lactose, Sucralose, Apple Flavor, Citric Acid

#### Chemical/Physical Analysis

ITEM	SPECIFICATION	RESULT	METHOD
Appearance	White fine powder	Conforms	Visual
Heavy Metals	NMT 10 ppm	Conforms	ICP

#### Microbiological Analysis

ITEM	SPECIFICATION	RESULT	METHOD
Total Aerobic Count	< 1000 cfu/g	Confirms	USP <2021>
Total Combined Molds and Yeasts Count	< 100 cfu/g	Confirms	USP <2021>
<i>E. coli</i>	Negative	Negative	USP <2022>
<i>Salmonella spp</i>	Negative	Negative	USP <2022>
<i>Staphylococcus aureus</i>	Negative	Negative	USP <2022>
<i>Pseudomonas aeruginosa</i>	Negative	Negative	USP <62>



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Quality Control

**05/09/2024**

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Date

## Certificate of Analysis

### QUALITY CONTROL LABORATORY ANALYTICAL REPORT

 Date: February 14, 2023

 Product: Ca+Much Calcium Citrate Powder

 Product Code: 600101

 Lot No.: 62301121

 Manufacture: Jan. 27, 2023

Active Ingredients	* Base on Input	Per Unit	RESULT
Calcium Citrate (Contains 21.1% of Calcium)		473.93 mg	*
Magnesium Oxide (Contains 58% Magnesium)		86.21 mg	*
Zinc Gluconate (Contains 20% Zinc)		3.33 mg	*
Copper Gluconate (Contains 10% Copper)		3.33 mg	*
Manganese Gluconate (Contains 20% Manganese)		3.33 mg	*
Casein Phosphopeptides		2.00 mg	*
Vitamin K2		48 mcg	*
Vitamin D3 (Cholecalciferol)		15 mcg	*

**Excipients:** Lactose, Sucralose, Apple Flavor, Citric Acid

#### Chemical/Physical Analysis

ITEM	SPECIFICATION	RESULT	METHOD
Appearance	White fine powder	Conforms	Visual
Heavy Metals	NMT 10 ppm	Conforms	ICP

#### Microbiological Analysis

ITEM	SPECIFICATION	RESULT	METHOD
Total Aerobic Count	< 1000 cfu/g	Confirms	USP <2021>
Total Combined Molds and Yeasts Count	< 100 cfu/g	Confirms	USP <2021>
<i>E. coli</i>	Negative	Negative	USP <2022>
<i>Salmonella</i> spp	Negative	Negative	USP <2022>
<i>Staphylococcus aureus</i>	Negative	Negative	USP <2022>
<i>Pseudomonas aeruginosa</i>	Negative	Negative	USP <62>



Quality Control Department

## Certificate of Analysis

### QUALITY CONTROL LABORATORY ANALYTICAL REPORT

Date: July 14, 2022

Product: Ca+Much Calcium Citrate Powder

Product Code: 600101

Lot No.: 62206121

Manufacture: Jun. 20, 2022

Active Ingredients	* Base on Input	Per Unit	RESULT
Calcium Citrate (Contains 21.1% of Calcium)		473.93 mg	*
Magnesium Oxide (Contains 58% Magnesium)		86.21 mg	*
Zinc Gluconate (Contains 20% Zinc)		3.33 mg	*
Copper Gluconate (Contains 10% Copper)		3.33 mg	*
Manganese Gluconate (Contains 20% Manganese)		3.33 mg	*
Casein Phosphopeptides		2.00 mg	*
Vitamin K2		48 mcg	*
Vitamin D3 (Cholecalciferol)		15 mcg	*

**Excipients:** Lactose, Sucralose, Apple Flavor, Citric Acid

### Chemical/Physical Analysis

ITEM	SPECIFICATION	RESULT	METHOD
Appearance	White fine powder	Conforms	Visual
Heavy Metals	NMT 10 ppm	Conforms	ICP

### Microbiological Analysis

ITEM	SPECIFICATION	RESULT	METHOD
Total Aerobic Count	< 1000 cfu/g	Confirms	USP <2021>
Total Combined Molds and Yeasts Count	< 100 cfu/g	Confirms	USP <2021>
<i>E. coli</i>	Negative	Negative	USP <2022>
<i>Salmonella</i> spp	Negative	Negative	USP <2022>
<i>Staphylococcus aureus</i>	Negative	Negative	USP <2022>
<i>Pseudomonas aeruginosa</i>	Negative	Negative	USP <62>



## Certificate of Analysis

### QUALITY CONTROL LABORATORY ANALYTICAL REPORT

Date: Feb. 16, 2022

Product: Ca+Much Calcium Citrate Powder

Product Code: 600101

Lot No.: 62201121

Manufacture: Feb. 10, 2022

Active Ingredients	* Base on Input	Per Unit	RESULT
Calcium Citrate (Contains 21.1% of Calcium)		473.93 mg	*
Magnesium Oxide (Contains 58% Magnesium)		86.21 mg	*
Zinc Gluconate (Contains 20% Zinc)		3.33 mg	*
Copper Gluconate (Contains 10% Copper)		3.33 mg	*
Manganese Gluconate (Contains 20% Manganese)		3.33 mg	*
Casein Phosphopeptides		2.00 mg	*
Vitamin K2		48 mcg	*
Vitamin D3 (Cholecalciferol)		15 mcg	*

**Excipients:** Lactose, Sucralose, Apple Flavor, Citric Acid

### Chemical/Physical Analysis

ITEM	SPECIFICATION	RESULT	METHOD
Appearance	White fine powder	Conforms	Visual
Heavy Metals	NMT 10 ppm	Conforms	ICP

### Microbiological Analysis

ITEM	SPECIFICATION	RESULT	METHOD
Total Aerobic Count	< 1000 cfu/g	Confirms	USP <2021>
Total Combined Molds and Yeasts Count	< 100 cfu/g	Confirms	USP <2021>
<i>E. coli</i>	Negative	Negative	USP <2022>
<i>Salmonella</i> spp	Negative	Negative	USP <2022>
<i>Staphylococcus aureus</i>	Negative	Negative	USP <2022>
<i>Pseudomonas aeruginosa</i>	Negative	Negative	USP <62>



## Certificate of Analysis

### QUALITY CONTROL LABORATORY ANALYTICAL REPORT

Date: May 19, 2021

Product: Ca+ Much Chelated Powder

Product Code: 600101

Lot No.: 62104121

Manufacture: April 30, 2021

Active Ingredients	* Base on Input	Per Unit	RESULT
Calcium Citrate (Contains 21.1% of Calcium)		473.93 mg	*
Magnesium Oxide (Contains 58% Magnesium)		86.21 mg	*
Zinc Gluconate (Contains 20% Zinc)		3.33 mg	*
Copper Gluconate (Contains 10% Copper)		3.33 mg	*
Magnesium Gluconate (Contains 20% Manganese)		3.33 mg	*
Casein Phosphopeptides		2.00 mg	*
Vitamin K2		48 mcg	*
Vitamin D3 (Cholecalciferol)		15 mcg	*

**Excipients:** Lactose, Sucralose, Apple Flavor, Citric Acid

### Chemical/Physical Analysis

ITEM	SPECIFICATION	RESULT	METHOD
Appearance	White fine powder	Conforms	Visual
Heavy Metals	NMT 10 ppm	Conforms	ICP

### Microbiological Analysis

ITEM	SPECIFICATION	RESULT	METHOD
Total Aerobic Count	< 1000 cfu/g	Confirms	USP <2021>
Total Combined Molds and Yeasts Count	< 100 cfu/g	Confirms	USP <2021>
<i>E. coli</i>	Negative	Negative	USP <2022>
<i>Salmonella</i> spp	Negative	Negative	USP <2022>
<i>Staphylococcus aureus</i>	Negative	Negative	USP <2022>
<i>Pseudomonas aeruginosa</i>	Negative	Negative	USP <62>



Quality Control Department

## Certificate of Analysis

### QUALITY CONTROL LABORATORY ANALYTICAL REPORT

Date: December 17, 2020

Product: Ca+ Much Chelated Powder

Product Code: 600101

Lot No.: 62008121

Manufacture: August 6, 2020

Active Ingredients	* Base on Input	Per Unit	RESULT
Calcium Citrate (Contains 22% of Calcium)		473.93 mg	*
Magnesium Oxide (Contains 58% Magnesium)		86.21 mg	*
Zinc Gluconate (Contains 20% Zinc)		3.33 mg	*
Copper Gluconate (Contains 10% Copper)		3.33 mg	*
Magnesium Gluconate (Contains 20% Manganese)		3.33 mg	*
Casein Phosphopeptides		2.00 mg	*
Vitamin K2		48 mcg	*
Vitamin D3 (Cholecalciferol)		15 mcg	*

**Excipients:** Lactose, Sucralose, Apple Flavor, Citric Acid

### Chemical/Physical Analysis

ITEM	SPECIFICATION	RESULT	METHOD
Appearance	White fine powder	Conforms	Visual
Heavy Metals	NMT 10 ppm	Conforms	ICP

### Microbiological Analysis

ITEM	SPECIFICATION	RESULT	METHOD
Total Aerobic Count	< 1000 cfu/g	Confirms	USP <2021>
Total Combined Molds and Yeasts Count	< 100 cfu/g	Confirms	USP <2021>
<i>E. coli</i>	Negative	Negative	USP <2022>
<i>Salmonella</i> spp	Negative	Negative	USP <2022>
<i>Staphylococcus aureus</i>	Negative	Negative	USP <2022>
<i>Pseudomonas aeruginosa</i>	Negative	Negative	USP <62>



## Certificate of Analysis

### QUALITY CONTROL LABORATORY ANALYTICAL REPORT

Date: March 14, 2019

Product: Ca+ Much Chelated Powder

Product Code: 600101

Lot No.: 61901123

Manufacture: February 20, 2019

Active Ingredients	* Base on Input	Per Unit	RESULT
Calcium Citrate (Contains 22% of Calcium)		473.93 mg	*
Magnesium Oxide (Contains 58% Magnesium)		86.21 mg	*
Zinc Gluconate (Contains 20% Zinc)		3.33 mg	*
Copper Gluconate (Contains 10% Copper)		3.33 mg	*
Magnesium Gluconate (Contains 20% Manganese)		3.33 mg	*
Casein Phosphopeptides		2.00 mg	*
Vitamin K2		48 mcg	*
Vitamin D3 (Cholecalciferol)		15 mcg	*

**Excipients:** Lactose, Sucralose, Apple Flavor, Citric Acid

### Chemical/Physical Analysis

ITEM	SPECIFICATION	RESULT	METHOD
Appearance	White fine powder	Conforms	Visual

### Microbiological Analysis

ITEM	SPECIFICATION	RESULT	METHOD
Total Aerobic Count	< 1000 cfu/g	Conforms	USP <2021>
Total Combined Molds and Yeasts Count	< 100 cfu/g	Conforms	USP <2021>
<i>E. coli</i>	Negative	Negative	USP <2022>
<i>Salmonella</i> spp	Negative	Negative	USP <2022>
<i>Staphylococcus aureus</i>	Negative	Negative	USP <2022>
<i>Pseudomonas aeruginosa</i>	Negative	Negative	USP <62>

### Nutritional values \*\*

	per unit
Energy	1.8 kcal
Carbohydrate	421.5 mg
Protein	5.1 mg
Fat (Oil)	0.1 mg
Saturated Fat	0.0 mg
Trans Fat	0.0 mg
Sodium	0.1 mg
Sugar	2.0 mg

\*\* Estimated from Nutritional Value Database

Quality Control Department

## Certificate of Analysis

### QUALITY CONTROL LABORATORY ANALYTICAL REPORT

Date: April 4, 2018

Product: Ca+ Much Chelated Powder

Product Code: 600101

Lot No.: 61802222

Manufacture: March 22, 2018

Active Ingredients	* Base on Input	Per Unit	RESULT
Calcium Citrate		473.93 mg	*
Magnesium Oxide (Contains 58% Magnesium)		86.21 mg	*
Zinc Gluconate (Contains 20% Zinc)		3.33 mg	*
Copper Gluconate (Contains 10% Copper)		3.33 mg	*
Magnesium Gluconate (Contains 20% Manganese)		3.33 mg	*
Casein Phosphopeptides		2.00 mg	*
Vitamin K2		48 mcg	*
Vitamin D3 (Cholecalciferol)		15 mcg	*

**Excipients:** Lactose, Sucralose, Apple Flavor, Citric Acid

### Chemical/Physical Analysis

ITEM	SPECIFICATION	RESULT	METHOD
Appearance	White fine powder	Conforms	Visual

### Microbiological Analysis

ITEM	SPECIFICATION	RESULT	METHOD
Total Aerobic Count	< 1000 cfu/g	5 cfu/g	USP <2021>
Total Combined Molds and Yeasts Count	< 100 cfu/g	< 10 cfu/g	USP <2021>
<i>E. coli</i>	Negative	Negative	USP <2022>
<i>Salmonella</i> spp	Negative	Negative	USP <2022>
<i>Staphylococcus aureus</i>	Negative	Negative	USP <2022>
<i>Pseudomonas aeruginosa</i>	Negative	Negative	USP <62>

### Nutritional values \*\*

	per unit
Energy	1.8 kcal
Carbohydrate	421.5 mg
Protein	5.1 mg
Fat (Oil)	0.1 mg
Saturated Fat	0.0 mg
Trans Fat	0.0 mg
Sodium	0.1 mg

\*\* Estimated from Nutritional Value Database

Quality Control Department





## Certificate of Analysis

### QUALITY CONTROL LABORATORY ANALYTICAL REPORT

Date: Mar. 27, 2015Product: Ca+ Much Chelated PowderProduct Code: 600101-01Lot No.: 61502125Manufacture: Feb. 25, 2015

#### Active Ingredients

INGREDIENTS	SPECIFICATION	RESULT
Calcium Citrate	500.00 mg $\pm$ 10%	502.16 mg
Magnesium Oxide	50.00 mg $\pm$ 10%	47.22 mg
Vitamin D3 (Cholecalciferol)	33.33 IU $\pm$ 10%	34.19 IU
HVP Chelated Zinc	0.667 mg $\pm$ 10%	0.686 mg
Copper Sulphate	0.33 mg $\pm$ 10%	0.34 mg
Manganese Citrate	0.667 mg $\pm$ 10%	0.671 mg
Casein Phosphopeptides	0.667 mg $\pm$ 10%	0.649 mg
Vitamin K2	0.04 mg $\pm$ 10%	0.04 mg
Lactose	400.00 mg $\pm$ 10%	400.16 mg
Sucralose	10.00 mg $\pm$ 10%	9.92 mg
Citric Acid	37.23 mg $\pm$ 10%	36.85 mg

#### Chemical/Physical Analysis

ITEM	SPECIFICATION	RESULT	METHOD
Appearance	White powder	Conforms	Visual
Heavy Metals	NMT 10 ppm	Conforms	ICP

#### Microbiological Analysis

ITEM	SPECIFICATION	RESULT	METHOD
Total Aerobic Count	< 1000 cfu/g	<10 cfu/g	USP <2021>
Total Combined Molds and Yeasts Count	< 100 cfu/g	< 10 cfu/g	USP <2021>

  
 Quality Control Manager



## Certificate of Analysis

### QUALITY CONTROL LABORATORY ANALYTICAL REPORT

Date: Mar. 27, 2015

Product: Ca+ Much Chelated Powder

Product Code: 600101-01

Lot No.: 61502125

Manufacture: Feb. 25, 2015

<i>E. coli</i>	Negative	Negative	USP <2022>
<i>Salmonella spp</i>	Negative	Negative	USP <2022>
<i>Staphylococcus aureus</i>	Negative	Negative	USP <2022>
<i>Pseudomonas aeruginosa</i>	Negative	Negative	USP <61>

#### Total Capsule - Nutritional values \*\*

per gram

Energy	1.70 kcal
Total Fat	0.10 mg
Saturated Fat	0.00 mg
Trans Fat	0.00 mg
Cholesterol	0.00 mg
Sodium	0.10 mg
Total Carbohydrate	422.60 mg
Dietary Fiber	0.00 mg
Sugar	375.80 mg
Protein	5.00 mg

\*\* Estimated from Nutritional Value Database

  
 Quality Control Manager