

## **Scientific Documentation**

## Calcium Citrate, Tetrahydrate, Powder, FCC

Not appropriate for regulatory submission.

Please visit www.spectrumchemical.com or contact Tech Services for the most up-to-date information contained in this information package.

Spectrum Chemical Mfg Corp 769 Jersey Avenue New Brunswick, NJ 08901 Phone 732.214.1300





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# Specification for Calcium Citrate, Tetrahydrate, Powder, FCC (CA142)

| Item Number       | CA142  |
|-------------------|--|
| Item              | Calcium Citrate, Tetrahydrate, Powder, FCC   |
| CAS Number        | 5785-44-4  |
| Molecular Formula | C <sub>12</sub> H <sub>10</sub> Ca <sub>3</sub> O <sub>14</sub> •4H <sub>2</sub> O |
| Molecular Weight  | 570.50   |
| MDL Number        |  |
| Synonyms          |  |

| Test                 | Specification |              |  |  |
|----------------------|---------------|--------------|--|--|
|                      | Min           | Max          |  |  |
| APPEARANCE           |               |              |  |  |
| ASSAY [Ca3(C6H5O7)2] | 97.5          | 100.5 %      |  |  |
| LOSS ON DRYING       | 10.0          | 14.0 %       |  |  |
| FLUORIDE             |               | 0.003 %      |  |  |
| LEAD (Pb)            |               | 2 mg/kg      |  |  |
| IDENTIFICATION       |               | TO PASS TEST |  |  |
| CERTIFIED KOSHER     |               |              |  |  |
| CERTIFIED HALAL      |               |              |  |  |
| RETEST DATE          |               |              |  |  |
| DATE OF MANUFACTURE  |               |              |  |  |
| MONOGRAPH EDITION    |               |              |  |  |

#### Spectrum Chemical Mfg Corp

Corporate Headquarters:West Coast Facility:769 Jersey Ave.14422 S. San Pedro St.New Brunswick, NJ 08901Gardena, CA 90248732.214.1300310.516.8000



## **Certificate Of Analysis**

| Item Number       | CA142  | Lot Number       | 2NC0153   |
|-------------------|--|------------------|-----------|
| Item              | Calcium Citrate, Tetrahydrate, Powder, FCC   | CAS Number       | 5785-44-4 |
| Molecular Formula | C <sub>12</sub> H <sub>10</sub> Ca <sub>3</sub> O <sub>14</sub> •4H <sub>2</sub> O | Molecular Weight | 570.50    |

| TECT  | SPECIFI | CATION       | DECLUT            |
|---|---------|--------------|-------------------|
| TEST  | MIN     | MAX          | RESULT            |
| APPEARANCE                                      |         |              | FINE WHITE POWDER |
| $ASSAY\left[Ca_{3}(C_{6}H_{5}O_{7})_{2}\right]$ | 97.5    | 100.5 %      | 99.2 %            |
| LOSS ON DRYING                                  | 10.0    | 14.0 %       | 11.24 %           |
| FLUORIDE  |         | 0.003 %      | 0.0025 %          |
| LEAD (Pb)                                       |         | 2 mg/kg      | 0.02 mg/kg        |
| IDENTIFICATION                                  |         | TO PASS TEST | PASSES TEST       |
| CERTIFIED KOSHER                                |         |              | CERTIFIED KOSHER  |
| CERTIFIED HALAL                                 |         |              | CERTIFIED HALAL   |
| RETEST DATE                                     |         |              | 29-DEC-2026       |
| DATE OF MANUFACTURE                             |         |              | 29-DEC-2023       |
| MONOGRAPH EDITION                               |         |              | FCC 13            |

Certificate of Analysis Results Entered By:

CACEVEDO Charmian Acevedo 10-APR-24 12:20:27

Spectrum Chemical Mfg Corp 755 Jersey Avenue New Brunswick 08901 NJ



Certificate of Analysis Results Approved By:

MCAMACHO Matheu Camacho 10-APR-24 12:35:46

All pharmaceutical ingredients are tested using current edition of applicable pharmacopeia.

Read and understand label and SDS before handling any chemicals. All Spectrum's chemicals are for manufacturing, processing, repacking or research purposes by experienced personnel only. It is the customer's responsibility to provide adequate hazardous material training and ensure that appropriate Personal Protective Equipment (PPE) is used before handling any chemical.





### SAFETY DATA SHEET

Preparation Date: 03/25/2015 Revision Date: 10/17/2018 Revision Number: G2

#### 1. IDENTIFICATION

**Product identifier** 

Product code: CA142

Product Name: CALCIUM CITRATE, TETRAHYDRATE, POWDER, FCC

Other means of identification

Synonyms: 2-Hydroxy-1,2,3-propanetricarboxylic Acid Calcium SaltCitrateCitrate

CAS #: 5785-44-4
RTECS # Not available
CI#: Not available

Recommended use of the chemical and restrictions on use

Recommended use:
Uses advised against
No information available.
No information available

Supplier: Spectrum Chemical Mfg. Corp

14422 South San Pedro St. Gardena, CA 90248

(310) 516-8000

Order Online At: <a href="https://www.spectrumchemical.com">https://www.spectrumchemical.com</a>

Emergency telephone numberChemtrec 1-800-424-9300Contact Person:Martin LaBenz (West Coast)Contact Person:Ibad Tirmiz (East Coast)

#### 2. HAZARDS IDENTIFICATION

#### Classification

This chemical is not considered hazardous according to the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Not a dangerous substance or mixture according to the Globally Harmonized System (GHS)

#### Label elements

| No | t classified |  |  |  |
|----|--------------|--|--|--|
|    |              |  |  |  |
|    |              |  |  |  |
|    |              |  |  |  |

Hazards not otherwise classified (HNOC)

Not Applicable

Other hazards

Not available

Product code: CA142

**Product name:** CALCIUM CITRATE, TETRAHYDRATE, POWDER, FCC

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#### 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Components                    | CAS-No.   | Weight % |  |
|-------------------------------|-----------|----------|--|
| Calcium Citrate, Tetrahydrate | 5785-44-4 | 100      |  |

#### 4. FIRST AID MEASURES

First aid measures

General Advice: National Capital Poison Center in the United States can provide assistance if you

have a poison emergency and need to talk to a poison specialist. Call

1-800-222-1222.

**Skin Contact:** Wash off immediately with soap and plenty of water removing all contaminated clothing and

shoes. Get medical attention if irritation develops. Consult a physician if necessary.

Eye Contact: Flush eyes with water for 15 minutes. Get medical attention if irritation occurs. If symptoms

persist, call a physician.

**Inhalation:** Move to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give

oxygen. Get medical attention.

**Ingestion:** Do not induce vomiting without medical advice. Never give anything by mouth to an

unconscious person. Consult a physician if necessary.

Most important symptoms and effects, both acute and delayed

Symptoms Health injuries are not known or expected under normal use

Indication of any immediate medical attention and special treatment needed

Notes to Physician: Treat symptomatically.

**Protection of first-aiders** 

First-Aid Providers: Avoid exposure to blood or body fluids. Wear gloves and other necessary protective clothing. Dispose of contaminated clothing and equipment as bio-hazardous waste.

#### 5. FIRE-FIGHTING MEASURES

**Extinguishing Media** 

Suitable Extinguishing Media: Carbon dioxide (CO2). Dry chemical. Water spray mist or

foam.

Unsuitable Extinguishing Media: No information available.

Specific hazards arising from the chemical

Hazardous Combustion Products: Metallic Oxides. Carbon Monoxide, Carbon Dioxide.

**Specific hazards:** May be combustible at high temperatures.

**Special Protective Actions for Firefighters** 

Specific Methods: No information available.

**Special Protective Equipment for Firefighters:** As in any fire, wear self-contained breathing apparatus

pressure-demand, MSHA/NIOSH (approved or equivalent)

and full protective gear

Product code: CA142 Product name: CALCIUM CITRATE, 2/10

TETRAHYDRATE, POWDER, FCC

#### 6. ACCIDENTAL RELEASE MEASURES

#### Personal precautions, protective equipment and emergency procedures

Personal Precautions: Ensure adequate ventilation. Use personal protective equipment. Avoid contact with skin,

eyes and clothing. Avoid dust formation. Keep people away from and upwind of spill/leak. Do not touch damaged containers or spilled material unless wearing appropriate protective

clothing. Remove all sources of ignition.

**Environmental precautions** Prevent further leakage or spillage if safe to do so. Prevent product from entering

drains. Prevent entry into waterways, sewers, basements or confined areas.

#### Methods and material for containment and cleaning up

Methods for containment Stop leak if you can do it without risk. Cover with plastic sheet to prevent

spreading.

Methods for cleaning up Sweep up and shovel into suitable containers for disposal. Clean contaminated

surface thoroughly.

#### 7. HANDLING AND STORAGE

#### Precautions for safe handling

#### **Technical Measures/Precautions:**

Provide sufficient air exchange and/or exhaust in work rooms. Avoid dust formation. Keep away from incompatible materials.

#### Safe Handling Advice

Wear personal protective equipment. Avoid contact with skin, eyes and clothing. Keep away from heat and sources of ignition. Do not ingest. Do not breathe dust. Handle in accordance with good industrial hygiene and safety practice.

#### Conditions for safe storage, including any incompatibilities

#### **Technical Measures/Storage Conditions:**

Keep container tightly closed in a dry and well-ventilated place. Store at room temperature in the original container. Store away from incompatible materials.

#### **Incompatible Materials:**

Oxidizing agents

#### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Control parameters

#### National occupational exposure limits

#### **United States**

| Components       | CAS-No.   | OSHA | NIOSH | ACGIH | AIHA WEEL |
|------------------|-----------|------|-------|-------|-----------|
| Calcium Citrate, | 5785-44-4 | None | None  | None  | None      |
| Tetrahydrate     |           |      |       |       |           |

#### Canada

| Components                       | CAS-No.   | Canada - Alberta | Canada - British<br>Columbia | Canada - Ontario | Canada - Quebec |
|----------------------------------|-----------|------------------|------------------------------|------------------|-----------------|
| Calcium Citrate,<br>Tetrahydrate | 5785-44-4 | None             | None                         | None             | None            |

Product code: CA142 Product name: CALCIUM CITRATE,

TETRAHYDRATE, POWDER, FCC

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#### **Australia and Mexico**

| Components                    | CAS-No.   | Australia | Mexico |
|-------------------------------|-----------|-----------|--------|
| Calcium Citrate, Tetrahydrate | 5785-44-4 | None      | None   |

#### **Appropriate engineering controls**

**Engineering measures to reduce exposure:** Ensure adequate ventilation. Use process enclosures,

local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants

**Lower Explosion Limit (%):** 

below the exposure limit.

#### Individual protection measures, such as personal protective equipment

#### **Personal Protective Equipment**

**Eye protection:** Goggles or Safety glasses with side-shields.

**Skin and body protection:** Chemical resistant apron

Gloves

Long sleeved clothing

**Respiratory protection:** Effective dust mask. Use a dust respirator under conditions where exposure to

the substance is apparent (e.g. generation of high concentration of dust (dust clouds), inadequate ventilation, development of respiratory tract irritation), and engineering controls are not feasible. Be sure to use an approved/certified

respirator or equivalent.

**Hygiene measures:** Avoid contact with skin, eyes and clothing. Wash hands before breaks and

immediately after handling the product. When using, do not eat, drink or smoke.

#### 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:Appearance:Color:SolidGranular. Crystalline powder.White.

Odor: Taste Formula:

Odorless. No information available. C12H10Ca3O14•4H2O

Molecular/Formula weight (g/mole): Flammability: Flashpoint (°C/°F):

570.50 No information available >93.3°C/200°F

Flash Point Tested according to: Autoignition Temperature (°C/°F):

Closed cup No information available No information available

Upper Explosion Limit (%): Melting point/range(°C/°F): Decomposition temperature(°C/°F):

No information available No information available No information available

Boiling point/range(°C/°F): Bulk density: Density (g/cm3):

Specific gravity: pH: Vapor pressure @ 20°C (kPa):

No information available No information available No information available

**Evaporation rate:** 

Product code: CA142 Product name: CALCIUM CITRATE,

TETRAHYDRATE, POWDER, FCC

No information available Vapor density: VOC

No information available

**VOC content (g/L):**No information available

Odor threshold (ppm): Partition coefficient

No information available (n-octanol/water):

No information available

No information available

Viscosity:

Miscibility: Solubility:

No information available Very slightly soluble in cold water

#### 10. STABILITY AND REACTIVITY

Reactivity

Reactive with oxidizing agents

Loses all water at temperature above 120°C

**Chemical stability** 

**Stability:** Stable under recommended storage conditions.

Possibility of Hazardous Reactions: Hazardous polymerization does not occur

<u>Conditions to avoid:</u> Heat. Ignition sources. Incompatible materials. Avoid dust formation.

Incompatible Materials: Oxidizing agents

**Hazardous decomposition** 

products:

Metallic oxides.

Other Information

Corrosivity: No information available

Special Remarks on Corrosivity: No information available

#### 11. TOXICOLOGICAL INFORMATION

#### Information on likely routes of exposure

#### **Principal Routes of Exposure:**

Ingestion. Inhalation.

#### **Acute Toxicity**

#### **Component Information**

Calcium Citrate, Tetrahydrate
CAS-No. 5785-44-4

**LD50/oral/rat** = No information available

**LD50/oral/mouse** = No information available

**LD50/dermal/rabbit** = No information available

**LD50/dermal/rat** = No information available

**LC50/inhalation/rat** = No information available

**LC50/inhalation/mouse** = No information available

Other LD50 or LC50information = No information available

#### **Product Information**

CALCIUM CITRATE, 5 / 10

LD50/oral/rat =

**VALUE-** Acute Tox Oral = No information available

LD50/oral/mouse =

Value - Acute Tox Oral = No information available

LD50/dermal/rabbit

**VALUE-Acute Tox Dermal =** No information available

LD50/dermal/rat

**VALUE -Acute Tox Dermal =** No information available

LC50/inhalation/rat

VALUE-Vapor = No information available
VALUE-Gas = No information available
VALUE-Dust/Mist = No information available

LC50/Inhalation/mouse

VALUE-Vapor = No information available
VALUE - Gas = No information available
VALUE - Dust/Mist = No information available

**Symptoms** 

**Skin Contact:** May cause skin irritation.

**Eye Contact:** May cause eye irritation.

**Inhalation** May cause irritation of respiratory tract.

**Ingestion** May cause digestive (gastointestinal) tract irritation.

**Aspiration hazard** No information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

**Chronic Toxicity** No information available.

**Sensitization:** No information available.

Mutagenic Effects: No information available

Carcinogenic effects: Not considered carcinogenic.

| Components                       | CAS-No.   | IARC       | ACGIH -<br>Carcinogens | NTP        | OSHA HCS -<br>Carcinogens | Australia -<br>Notifiable<br>Carcinogenic<br>Substances | Australia -<br>Prohibited<br>Carcinogenic<br>Substances |
|----------------------------------|-----------|------------|------------------------|------------|---------------------------|---|---|
| Calcium Citrate,<br>Tetrahydrate | 5785-44-4 | Not listed | Not listed             | Not listed | Not listed                | Not listed  | Not listed  |

ACGIH (American Conference of Governmental Industrial Hygienists)

IARC (International Agency for Research on Cancer)

NTP (National Toxicology Program)

OSHA (Occupational Safety and Health Administration of the US Department of Labor)

Reproductive toxicity No data is available

Reproductive Effects: No information available Developmental Effects: No information available Teratogenic Effects: No information available

**Specific Target Organ Toxicity** 

STOT - single exposure
STOT - repeated exposure
Target Organs:

No information available.
No information available.
No information available.

#### 12. ECOLOGICAL INFORMATION

**Ecotoxicity** 

**Ecotoxicity effects:** No data available.

Persistence and degradability: No information available

**Bioaccumulative potential:** No information available.

**Mobility:** No information available.

#### 13. DISPOSAL CONSIDERATIONS

#### **Disposal Methods**

#### Waste from residues / unused products:

Waste must be disposed of in accordance with Federal. State and Local regulation.

#### Contaminated packaging:

Empty containers should be taken for local recycling, recovery or waste disposal

| Components                    | CAS-No.   | RCRA - F Series | RCRA - K Series | RCRA - P Series | RCRA - U Series |  |
|-------------------------------|-----------|-----------------|-----------------|-----------------|-----------------|--|
|                               |           | Wastes          | Wastes          | Wastes          | Wastes          |  |
| Calcium Citrate, Tetrahydrate | 5785-44-4 | None            | None            | None            | None            |  |

#### 14. TRANSPORT INFORMATION

DOT

UN-No: Not Regulated

Proper Shipping Name:
Hazard Class:
Subsidiary Class
Packing group:
No information available

Number

Marine PollutantNo data availableDOT RQ (lbs):No information availableSpecial ProvisionsNo Information availableSymbol(s):No information availableDescription:No information available

TDG (Canada)

UN-No: Not Regulated

Product code: CA142 Product name: CALCIUM CITRATE, 7 / 10

TETRAHYDRATE, POWDER, FCC

Proper Shipping Name:
Hazard Class:
Subsidiary Risk:
Packing Group:
Marine Pollutant
Description:
No information available

**ADR** 

UN-No: Not Regulated

Proper Shipping Name:
Hazard Class:
No information available

**IMO / IMDG** 

UN-No: Not Regulated

Proper Shipping Name:
Hazard Class:
Subsidiary Risk:
Packing Group:
Marine Pollutant

No information available
No information available
No information available
No information available

RID

UN-No: Not Regulated

Proper Shipping Name:
Hazard Class:
Subsidiary Risk:
No information available
No information available
No information available
No information available

**ICAO** 

UN-No: Not Regulated

Proper Shipping Name:
Hazard Class:
Subsidiary Risk:
Packing Group:

No information available
No information available
No information available

**IATA** 

UN-No: Not Regulated

Proper Shipping Name:
Hazard Class:
Subsidiary Risk:
Packing Group:
ERG Code:
No information available

#### 15. REGULATORY INFORMATION

#### **International Inventories**

| Components                       | CAS-No.   | U.S. TSCA  | KOREA KECL  | Philippines (PICCS) | Japan ENCS  | CHINA       | Australia<br>(AICS) | EINECS-No.  |
|----------------------------------|-----------|------------|-------------|---------------------|-------------|-------------|---------------------|-------------|
| Calcium Citrate,<br>Tetrahydrate | 5785-44-4 | Not Listed | Not present | Present             | Not present | Not present | Present             | Not present |

#### **U.S. Regulations**

California Prop. 65: Safe Drinking Water and Toxic Enforcement Act of 1986.

#### Chemicals Known to the State of California to Cause Cancer:

This product does not contain a chemical requiring a warning under California Prop. 65. (See table below)

#### Chemicals Known to the State of California to Cause Reproductive Toxicity:

This product does not contain a chemical requiring a warning under California Prop. 65. (See table below)

| Components                    | CAS-No.   | Carcinogen | Developmental Toxicity | Male         | Female       |
|-------------------------------|-----------|------------|------------------------|--------------|--------------|
|                               |           |            |                        | Reproductive | Reproductive |
|                               |           |            |                        | Toxicity     | Toxicity:    |
| Calcium Citrate, Tetrahydrate | 5785-44-4 | Not Listed | Not Listed             | Not Listed   | Not Listed   |

#### **CERCLA/SARA**

| Components                       | CAS-No.   | CERCLA -<br>Hazardous<br>Substances and<br>their Reportable<br>Quantities | Section 302 Extremely Hazardous Substances and TPQs | Section 302 Extremely Hazardous Substances and RQs | Section 313 -<br>Chemical Category | Section 313 -<br>Reporting<br>de minimis |
|----------------------------------|-----------|---|---|--|------------------------------------|--|
| Calcium Citrate,<br>Tetrahvdrate | 5785-44-4 | None  | None  | None   | None                               | None                                     |

#### U.S. TSCA

| Components                    |           | TSCA Section 5(a)2 - Chemicals<br>With Significant New Use Rules<br>(SNURS) | TSCA 8(d) -Health and Safety<br>Reporting |
|-------------------------------|-----------|---|---|
| Calcium Citrate, Tetrahydrate | 5785-44-4 | Not Applicable  | Not Applicable                            |

#### Canada

#### WHIMIS 2015 - GHS Classifications

WHMIS 2015 Hazard Classification Information:

Not a dangerous product according to HPR classification criteria.

Canada Hazardous Products Regulation This product has been classified according to the hazard criteria of the HPR (Hazardous Products Regulation) and the SDS contains all of the information required by the HPR

#### Inventory

| Components                    | CAS-No.   | Canada (DSL) | Canada (NDSL) |
|-------------------------------|-----------|--------------|---------------|
| Calcium Citrate, Tetrahydrate | 5785-44-4 | Not Listed   | Not Listed    |

| Components                    | CAS-No.   | CEPA Schedule I - Toxic Substances   |
|-------------------------------|-----------|--------------------------------------|
| Calcium Citrate, Tetrahydrate | 5785-44-4 | Not listed                           |
| Components                    | CAS-No.   | CEPA - 2010 Greenhouse Gases Subject |
|                               |           | to Mandatory Reporting               |
| Calcium Citrate, Tetrahydrate | 5785-44-4 | Not listed                           |

#### **EU Classification**

#### EU GHS - SV - CLP 1272/2008

| Components                    | CAS-No    | EU GHS - SV - CLP (1272/2008) |
|-------------------------------|-----------|-------------------------------|
| Components                    | 0A0 No.   | 20 0110 01 021 (1212/2000)    |
| Calcium Citrate, Tetrahydrate | 5785-44-4 |                               |

#### EU - CLP (1272/2008)

#### R-phrase(s)

Product name: CALCIUM CITRATE, 9 / 10

not determined (not applicable)

#### S -phrase(s)

none

| Components                       | CAS-No.   | Classification | Concentration<br>Limits: | Safety Phrases |
|----------------------------------|-----------|----------------|--------------------------|----------------|
| Calcium Citrate,<br>Tetrahydrate | 5785-44-4 |                | No information           |                |

The product is classified in accordance with Annex VI to Directive 67/548/EEC

#### Indication of danger:

None.

#### **16. OTHER INFORMATION**

Preparation Date: 03/25/2015
Revision Date: 10/17/2018
Prepared by: Sonia Owen

**Disclaimer:** All chemicals may pose unknown hazards and should be used with caution. This

Safety Data Sheet (SDS) applies only to the material as packaged. If this product is combined with other materials, deteriorates, or becomes contaminated, it may pose hazards not mentioned in this SDS. The physical properties reported in this SDS are obtained from the literature and do not constitute product specifications. Information contained herein does not constitute a warranty, whether expressed or implied, as to the safety, merchantability or fitness of the goods for a particular purpose. Spectrum Chemicals & Laboratory Products, Inc. assumes no responsibility for results obtained or for incidental or consequential damages, including lost profits, arising from the use of these data. No warranty against infringement of any patent, copyright or trademark is made or implied. It shall be the user's responsibility to develop proper methods of handling and personal protection based on the actual conditions of use. While this SDS is based on technical data judged to be reliable, Spectrum assumes no responsibility for the

completeness or accuracy of the information contained herein.

**End of Safety Data Sheet** 

Product code: CA142



#### Certification of Compliance with current Good Manufacturing Practices

#### Dear Valued Customer:

Spectrum Chemical Mfg Corp certifies that the following product(s) is produced, processed, packaged and held in compliance with current Good Manufacturing Practices (cGMP) in accordance with the applicable parts of 21 CFR, parts 210 and 211 of the Code of Federal Regulations.

| Catalog Number | Product Name                               |
|----------------|--|
| CA142          | Calcium Citrate, Tetrahydrate, Powder, FCC |

Spectrum is an FDA registered and inspected Drug Establishment. Our United States Food and Drug Administration (USFDA) Registration numbers are as follows:

Spectrum-Gardena, CA: 2020632 Spectrum-New Brunswick, NJ: 2246824

Thank you for your interest in Spectrum products. If we may be of further assistance, please feel free to contact the Quality Assurance department at 310-516-8000 or via email at <a href="mailto:qualityassurance@spectrumchemical.com">qualityassurance@spectrumchemical.com</a>

Sincerely,

Oralia Chavez

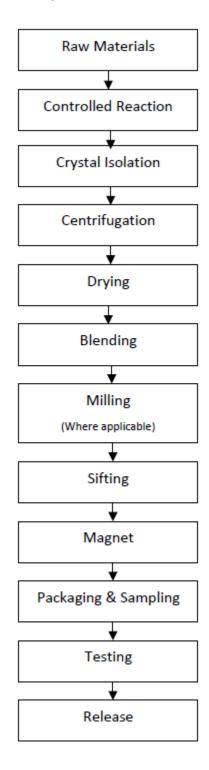
Quality Assurance Specialist

Order Clony



## **Manufacturing Process Flowchart**

Calcium Citrate, Tetrahydrate, Powder, FCC (Cat# CA142)



CORPORATE HEADQUARTERS

769 Jersey Avenue New Brunswick, NJ 08901 PHONE 732.214.1300 FAX 732.246.7132 WEST COAST FACILITY

14422 South San Pedro Street
Gardena, California 90248
PHONE 310.516.8000
FAX 310.516.9843



## CA142, Calcium Citrate, Tetrahydrate, Powder, FCC

#### **Source Statement**

The above mentioned catalog item is manufactured by chemical synthesis. No animal or plant derived products are used in the manufacturing process.

#### **BSE/TSE Statement**

The above mentioned catalog item does not contain nor is manufactured using any animal derived products and is therefore, BSE/TSE free.

#### **Allergen Statement**

The above mentioned catalog item does not contain any of the following:

- Milk
- Egg
- Fish
- Shellfish
- Tree Nuts
- Wheat
- Peanuts
- Soy

- Cereals containing Gluten
- Celery
- Mustard
- Sesame Seed
- Corn
- Latex
- Sulfites > 10 ppm

## **EU Fragrance Allergen Statement**

The above mentioned catalog item does not contain any of the 26 EU fragrance allergens listed in Annex III lines 67-92. These substances are not intentionally added to the following chemical and therefore are not expected to be present.

#### **GMO Statement**

The above mentioned catalog item is manufactured without the use of genetically modified organisms and is therefore GMO free.

#### **Melamine Statement**

The above mentioned catalog does not use or add melamine to the manufacturing process and is considered melamine-free.



#### **Nitrosamine Statement**

Based on knowledge of the manufacturing process, nitrosamine impurities are not known or suspected to be present in this material.

#### **Animal Testing Statement**

The above mentioned catalog item has not been tested on animals.

#### **Organic Compliance Statement**

The above mentioned catalog item has not been produced using GMOs, irradiation, ethylene oxide (EtO) or sewage sludge.

#### **Shelf Life Statement**

The above-mentioned catalog item is typically assigned a shelf life of 36 months from the date of manufacture. The actual assigned shelf life for any specific lot should be referenced on the Certificate of Analysis.

#### **Other Chemicals Statement**

Spectrum does not have any reason to suspect the above mentioned catalog item contains any of the following chemicals. This product does not come into contact with these chemicals during packaging or storage:

- Aflatoxins
- Antibiotics
- Bisphenol A (BPA)
- CMR Substances

- Parabens
- Pesticides
- Phthalates
- Preservatives



#### **Label Information**

The Spectrum label presents technical and safety information in an easily understood format. Our technical specialists stay abreast of the latest requirements of the Globally Harmonized System for Classification and Labelling of Chemicals (GHS), as well as the Occupational Safety and Health Administration (OSHA), the Food and Drug Administration (FDA) and other government regulatory agencies in order to ensure compliance, accuracy and concise hazard communication. Below you will find a typical label example for this catalog item.

ca142 12/11/2018 gm

C<sub>12</sub>H<sub>10</sub>Ca<sub>3</sub>O<sub>14</sub>•4H<sub>2</sub>O F.W. 570.50

Refers Date: 00-0000 is is one of the control of th

use care: This material has been evaluated per GHS/OSHA criteria and is not classified as hazardous. All chemicals may pose unknown hazards and must be used with caution. Use personal protection and safe handling methods consistent with proper workplace safety practices. Consult SDS for additional properties and precautions. If adverse reaction occurs seek medical attention.

**KEEP FROM CHILDREN** 

## CA142 SIZ SY Calcium Citrate

Tetrahydrate Powder FCC



CAS 5785-44-4

**CAUTION:** For manufacturing, processing or repacking.

Read and understand the label and Safety Data Sheet (SDS) prior to use.

Chemical Emergency: (800)424-9300

www.SpectrumChemical.com

**WARNING:** Cancer and Reproductive Harmwww.P65Warnings.ca.gov

G 9/H6GHS ? Lot 1

Lot No. XQ####

#### Spectrum Chemical Mfg Corp

West Coast Facility:





The following product(s) prepared by the named company are certified kosher with the stated requirements:

#### **Spectrum Laboratory Products, Inc.**

S-0032

14422 South San Pedro Street, Gardena, CA 90248 755-769 Jersey Ave. New Brunswick NJ 08901 USA

Product Name CA142, Calcium Citrate, Tetrahydrate, Powder, FCC

**Brand** Spectrum

UKD-ID KSAV3-S5T7T75

D/P/M P

Symbol Required KSA

**Special Conditions** 

This certificate expires on **Feb 01, 2025** 

Rabbi Binyomin Lisbon Kashrus Administrator

Placing the KSA logo on products not listed above constitutes an un-authorized use of the KSA symbol, which is a federally registered trademark.