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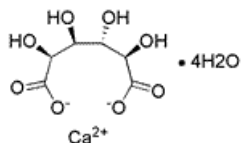
Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number 00732

Product

Calcium D-saccharate tetrahydrate

Glucaric acid calcium salt tetrahydrate

Glucosaccharic acid calcium salt tetrahydrate

CAS Number

5793-89-5, 5793-88-4

Molecular Formula

C₆H₈O₈Ca·4H₂O

Molecular Weight

320.26

Appearance

White crystalline powder

Anion

Chloride (Cl⁻) : ≤ 0.07%

Sulfate (SO₄²⁻) : ≤ 0.12%

Optical Rotation

[α]_D²⁰ = 18.5 - 22.5 ° (C=60 mg/ml in 4.8 N HCl)

Reducing Substances

Sucrose & Reducing sugar: No red precipitate is formed immediately.

Assay by titration

98.5 - 102.0% (Calculated as C₆H₈O₈Ca·4H₂O)

Grade

Meets USP specification

Storage

Store at RT

Additional Information

Identification :

A : Test for Calcium : To pass test

B : Infrared spectroscopy : Conforms to structure

For Laboratory Use Only