



1. Identification

Catalogue Number

S698255

Lot Number

18-APD-39-4

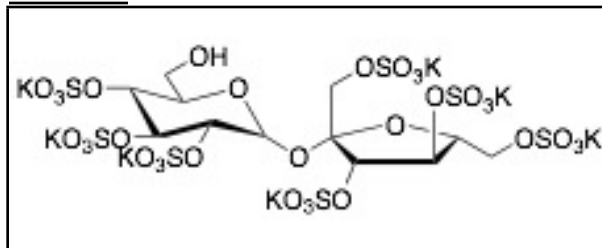
Product Name

Sucrose Heptasulfate Potassium Salt (>95% purity)

Synonyms

1,3,4,6-Tetra-O-sulfo-β-D-fructofuranosyl α-D-Glucopyranoside;

Structure



CAS Number

386229-69-2

Solubility

Water (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₁₂H₁₅K₇O₃₂S₇

Source of Product

Synthetic

Long Term Storage Conditions

-20°C, Hygroscopic

Molecular Weight

1169.33

Purity

>95%

2. Warnings

Hygroscopic

3. Analytical Information

Tests

Appearance

Specifications

White to Off-White Solid

Results

White to Off-White Solid

NMR

Conforms to Structure

Conforms

C NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 11.65, %H: 1.73

HPLC Purity

>95%

99.75% (ELSD)

Ion Chromatography

Report Result

21.3%

Specific Rotation

Report Result

+30.3° (c = 0.4, Water)

Additional Information

N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of ± 2%. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed by

A. Vijaya

Vijaya Annapareddy

Product Quality Specialist

Reviewed by

Toni Rantanen

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Chanell Chu

Chanell Chu

Quality Assurance Associate

Test Date

5/21/2025

Retest Date

5/19/2029