



1. Identification

Catalogue Number

S689075

Lot Number

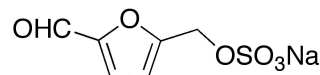
2-TMH-125-1

Product Name

5-Sulfooxymethylfurfural Sodium Salt

Synonyms

5-[(Sulfooxy)methyl]-2-furancarboxaldehyde Sodium Salt; SMF;

StructureCAS Number

1330171-28-2

Solubility

DMSO (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular FormulaC₆H₅NaO₆SSource of Product

Synthetic

Long Term Storage Conditions

-20°C, Hygroscopic

Molecular Weight

228.16

Purity

>95%

2. Warnings

Hygroscopic

3. Analytical Information

Tests

Appearance

Specifications

Light Orange to Light Brown Solid

Results

Light Orange to Light Brown Solid

NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 28.01, %H: 3.06

HPLC Purity

>95%

99.98% (280 nm)

MS

Conforms to Structure

Conforms

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 $\pm 2\%$. 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

Henry Tieu

Product Quality Specialist

Reviewed by

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Chanell Chu

Quality Assurance Associate

Test Date

9/19/2023

Retest Date

9/17/2027