



CERTIFICATE OF ANALYSIS

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1. Identification

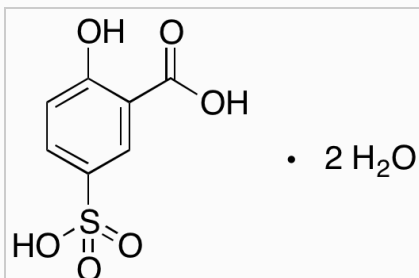
Catalogue Number: S699448

CAS Number: 5965-83-3

Product: 5-Sulfosalicylic Acid Dihydrate

Synonym: 2-Hydroxy-5-sulfobenzoic Acid Dihydrate;

Structure:



Molecular Formula:

C₇H₆O₆S • 2H₂O

Molecular weight:

218.18 + 2(18.02)

Source of Product:

N/A

Solubility:

DMSO (Sparingly), Methanol (Slightly, Sonicated), Water (Sparingly)

Lot Number: 14-QIU-86-1

Purity: 98%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: 4°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	White to Off-White Solid	Off-White Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 33.02, %H: 3.71
HPLC Purity	Report Result	99.64% (210 nm)
MS	Conforms to Structure	Conforms
FT-IR	Conforms to Structure	Conforms
Water Content	Report Result	14.7% by Karl Fischer

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	Reviewed By	C of A Approved By	Test Date	Retest Date
Henry Tieu	Toni Rantanen	Chanell Chu	3/18/2022	3/16/2026