



CERTIFICATE OF ANALYSIS

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1. Identification

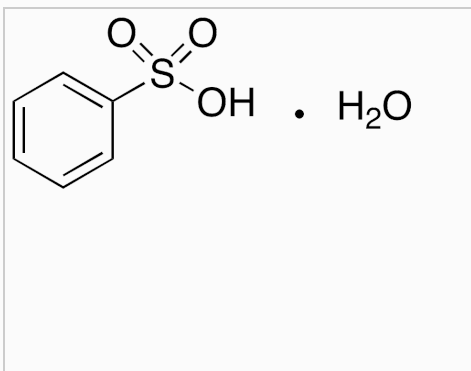
Catalogue Number: B189700

CAS Number: 26158-00-9

Product: Benzenesulfonic Acid Monohydrate

Synonym: Benzenesulfonic Acid Hydrate;

Structure:



Molecular Formula:

$C_6H_6O_3S \cdot H_2O$

Molecular weight:

158.18 + 18.01

Source of Product:

N/A

Solubility:

DMSO (Slightly), Methanol (Slightly)

Lot Number: 4-PAX-16-1

Purity: 98%

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

Storage Condition: -20°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	White to Off-White Low-Melting Solid to Solid	Off-White Low-Melting Solid to Solid
NMR	Conforms to Structure	Conforms
HPLC Purity	Report Result	99.94% (215 nm)
Water Content	Report Result	11.8% by Karl Fischer
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	Reviewed By	C of A Approved By	Test Date	Retest Date
Meenakshi Sharma	Toni Rantanen	Christina Gouliaras	9/25/2023	9/23/2027
				