



CERTIFICATE OF ANALYSIS

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1. Identification

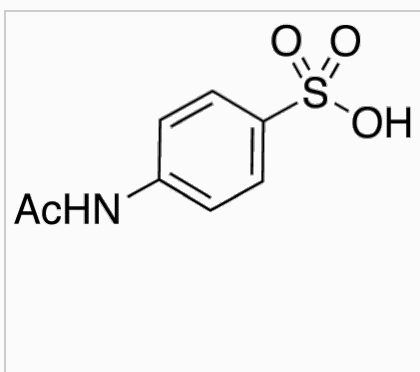
Catalogue Number: A141875

CAS Number: 121-62-0

Product: 4-Acetamidobenzenesulfonic Acid

Synonym: N-Acetylsulfanilic Acid; Acetanilide-p-sulfonic Acid; 4-(Acetylamino)benzenesulfonic Acid; p-Sulfinoacetanilide; Sulfadimethoxine EP Impurity C;

Structure:



Molecular Formula:

C₈H₉NO₄S

Molecular weight:

215.23

Source of Product:

Synthetic

Solubility:

DMSO (Slightly), Methanol (Slightly)

Lot Number: 4-ATH-185-1

Purity: 96%

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	Pale Beige to Brown Solid	Pale Brown Solid
NMR	Conforms to Structure	Conforms
HPLC Purity	Report Result	99.61% (254 nm)
Elemental Analysis	Conforms	%C: 43.59, %H: 4.15, %N: 6.28
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
Henry Tieu	Toni Rantanen	Chanell Chu	3/14/2024	3/12/2028