



CERTIFICATE OF ANALYSIS

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1. Identification

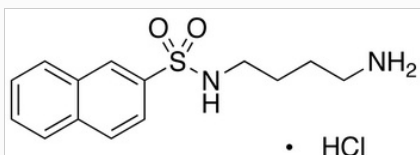
Catalogue Number: A603000

CAS Number: 89108-46-3

Product: N-(4-Aminobutyl)-2-naphthalenesulfonamide Hydrochloride

Synonym: N-(4-Aminobutyl)-2-naphthalenesulfonamide Monohydrochloride; W-12;

Structure:



Molecular Formula:

C₁₄H₁₈N₂O₂S • HCl

Molecular weight:

278.37 + 36.46

Source of Product:

Synthetic

Solubility:

Ethanol (Slightly), Water (Slightly)

Lot Number: 1-EG-141

Purity: 97%

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 Solid	Off-White Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 53.03, %H: 6.16, %N: 8.96
MS	Conforms to Structure	Conforms
HPLC Purity	>95%	99.65% (240 nm)

Additional Information: Elemental Analysis: (Theoretical) %C: 53.41, %H: 6.08, %N: 8.90

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
Eric Beaton	Toni Rantanen	My Nguyen	10/22/2020	10/20/2030