



CERTIFICATE OF ANALYSIS

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1. Identification

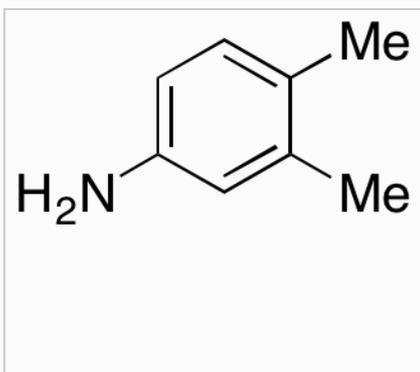
Catalogue Number: D462185

CAS Number: 95-64-7

Product: 3,4-Dimethylaniline

Synonym: 3,4-Xylidine; 1-Amino-3,4-dimethylbenzene; 3,4-Dimethylaminobenzene; 3,4-Dimethylaniline; 3,4-Dimethylbenzenamine; 3,4-Dimethylphenylamine; 3,4-Xylylamine; 4-Amino-1,2-dimethylbenzene; 4-Amino-o-xylene; NSC 41800; NSC 7099

Structure:



Molecular Formula:

C₈H₁₁N

Molecular weight:

121.18

Source of Product:

N/A

Solubility:

Chloroform (Soluble),
Methanol (Slightly)

Lot Number: 6-DOS-7-1

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	Pale Beige to Dark Brown Solid	Pale Orange to Pale Brown Solid
NMR	Conforms to Structure	Conforms
C NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 79.42, %H: 9.51, %N: 11.85
MS	Conforms to Structure	Conforms
HPLC Purity	Report Result	100.00% (210 nm)

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

Evan Burns

Evan Burns

Reviewed By

Toni Rantanen

C of A Approved By

Christina Gouliaras

Test Date

8/25/2022

Retest Date

8/23/2026