



CERTIFICATE OF ANALYSIS

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1. Identification

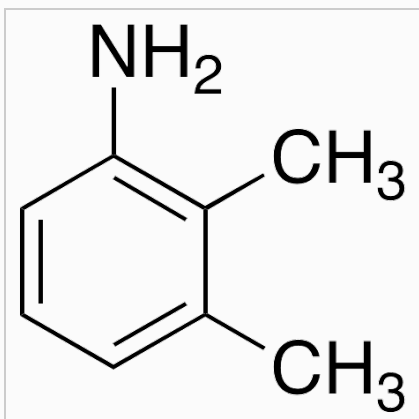
Catalogue Number: D462190

CAS Number: 87-59-2

Product: 2,3-Dimethylaniline

Synonym: 2,3-Dimethylbenzenamine; 2,3-Dimethylphenylamine; 2,3-Xylylamine; 3-Amino-o-xylene; o-Xylidine;

Structure:



Molecular Formula:

C₈H₁₁N

Molecular weight:

121.18

Source of Product:

N/A

Solubility:

Chloroform (Soluble),
Methanol (Sparingly)

Lot Number: 2-ALI-92-1

Purity: 97%

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 | Colourless to Very Dark Orange Oil | Clear Dark Orange to Very Dark Orange Oil |
| NMR | Conforms to Structure | Conforms |
| C NMR | Conforms to Structure | Conforms |
| HPLC Purity | Report Result | 98.93% (205 nm) |
| MS | Conforms to Structure | Conforms |
| Elemental Analysis | Conforms | %C: 79.66, %H: 9.38, %N: 11.95 |

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 |
|-------------|---------------|--------------------|-----------|-------------|
| Evan Burns | Toni Rantanen | Chanell Chu | 3/21/2022 | 3/19/2026 |
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