



CERTIFICATE OF ANALYSIS

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1. Identification

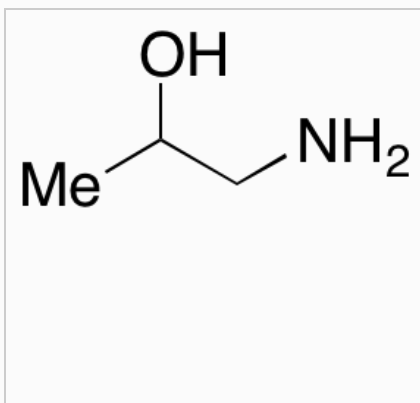
Catalogue Number: A628135

CAS Number: 78-96-6

Synonym: (2-Hydroxy-2-methylethyl)amine; (RS)-1-Amino-2-hydroxypropane; (RS)-1-amino-2-propanol; (\pm)-1-Amino-2-propanol; 1-Amino-2-hydroxypropane; 1-Amino-2-propanol; 1-Methyl-2-aminoethanol; 2-Amino-1-methylethanol; 2-Hydroxy-1-propanamine; 2-Hydroxy-1-propylamine; 2-Hydroxypropanamine; 2-Hydroxypropylamine; DL-1-Amino-2-propanol; Isopropanolamine; MIPA; Monoisopropanolamine; NSC 3188; Threanine; dl-1-Amino-2-propanol; α -Aminoisopropyl alcohol; β -Aminoisopropanol

Product: 1-Amino-2-propanol

Structure:



Molecular Formula:

C₃H₉NO

Molecular weight:

75.11

Source of Product:

N/A

Solubility:

Chloroform (Slightly),
Methanol (Slightly), Water
(Slightly)

Lot Number: 711646603-15-1

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 Oil | Clear Colourless Oil |
| NMR | Conforms to Structure | Conforms |
| Elemental Analysis | Conforms | %C: 46.55, %H: 11.34, %N: 18.74 |
| MS | Conforms to Structure | Conforms |
| GC | Report Result | 98.12% |
| Specific Rotation | Report Result | -0.1° (c = 0.6, Water) |
| C NMR | 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**

Henry Tieu

**Reviewed By**

Toni Rantanen

**C of A Approved
By**

Chanell Chu

**Test Date**

8/18/2022

Retest Date

8/16/2026