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## CERTIFICATE OF ANALYSIS

Analysis Date: Dec 2025

Re-test Date: Nov 2028

**Product Name: N-Nitroso-N-methyl-4-aminobutyric Acid**

### Identification:

Chemical Name: 4-(Methyl(nitroso)amino)butanoic acid

Synonyms : NMBA ; N-  
Nitrosomethylaminobutyric Acid  
(USP)

CAS Number : 61445-55-4

CAT Number : CP-NIT009

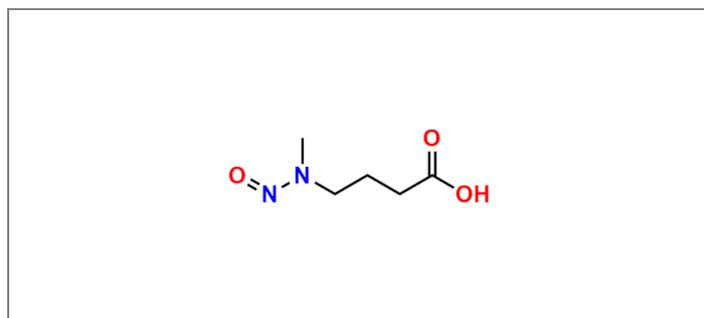
Molecular Formula : C<sub>5</sub>H<sub>10</sub>N<sub>2</sub>O<sub>3</sub>

Molecular Weight : 146.14

Batch Number : CP-35-242

Storage Condition : Tightly closed, Inert atmosphere at -20° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is  
mention in the COA



### Analytical Information:

Sr. No.	Test	Result
1)	Description	Pale yellow Liquid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to Structure
4)	Purity By HPLC	99.69%
5)	<sup>1</sup> H NMR	Confirm to Structure
6)	<sup>13</sup> C NMR	NA
7)	IR	NA
8)	Weight loss by TGA	NA
9)	Potency by TGA	NA



**Prepared and Reviewed By**

  
Ms Priyanka Salunkhe  
(Quality Control)

**Approved By**

  
Ms Rohini Gagare  
(Quality Assurance)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.