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## CERTIFICATE OF ANALYSIS

Analysis Date: Dec 2024

Re-test Date: Nov 2027

**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

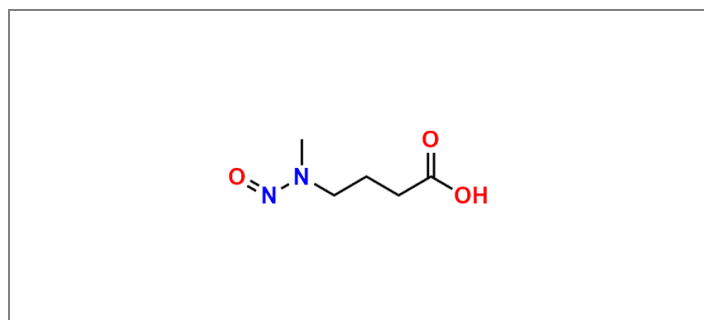
Molecular Formula : C<sub>5</sub>H<sub>10</sub>N<sub>2</sub>O<sub>3</sub>

Molecular Weight : 146.14

Batch Number : CHEM-NIT-BA-002

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° 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	Colorless to Pale Yellow Liquid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	95.27%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to structure
7)	IR	Confirm to Structure
8)	Weight loss by TGA	0.4123%
9)	Potency by TGA	94.85%



**Prepared and Reviewed By**

A handwritten signature in blue ink, appearing to read "Priyanka Salunkhe".

Ms Priyanka Salunkhe  
(Manager QC Analytical)

**Approved By**

A handwritten signature in blue ink, appearing to read "Rohini Gagare".

Ms Rohini Gagare  
(QA Head)

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