CERTIFICATE OF ANALYSIS

(Certificate No. KMN001015-05)

Release Date: 28/01/2026 **Re-test Date:** 27/01/2029

N-Nitroso-N-methyl-4-aminobutyric acid (NMBA)

Identification

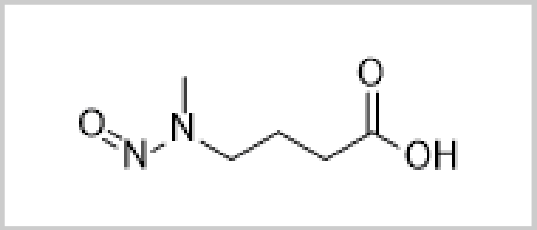
Chemical Name :
4-(methyl(nitroso)amino)butanoic acid

CAT No. : KMN001015

CAS No. : 61445-55-4

Molecular Formula : C5H10N2O3

Molecular Weight : 146.15



Analytical Information

Batch No.	: N001015-114-081	**Solubility**	: ACN
Description	: Pale Yellow Oil	**Mass**	: Confirm
HPLC Purity	: 99.76 %	**IR**	: Confirm
Weight Loss By TGA	: 2.91 %	**1H NMR**	: Confirm
% Potency	: 96.86 %	**13C NMR**	: Confirm

Additional Information

Long Term Storage : Store at 2-8 deg. C for long term storage

Shipping Condition : Product is stable to be shipped at room temperature

% Potency = [100 - 2.91(Weight Loss By TGA)] x [99.76(HPLC Purity)]/100 = 96.86 %
-13C NMR added on 28.01.2026

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		29/01/2026
Reviewed & Approved By	Quality Control	Jatin Patel		29/01/2026

Attachments : COA, HPLC, MASS, 1HNMR,13C NMR,IR and TGA