

# CERTIFICATE OF ANALYSIS

(Certificate No. KMN001018-01)

Release Date: 17/10/2024

Re-test Date: 16/10/2027

## N-Nitroso-N-methyl-4-aminobutyric acid (NMBA) PEA salt

### Identification

**Chemical Name :**

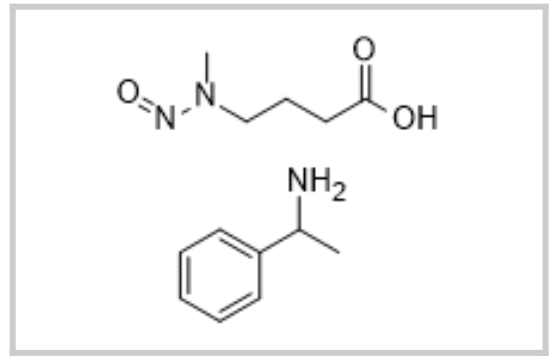
1-phenylethylamine 4-(methyl(nitroso)amino)butanoate (Mixture of E/Z Isomer)

CAT No. : KMN001018

CAS No. : Not Available

Molecular Formula : C<sub>5</sub>H<sub>10</sub>N<sub>2</sub>O<sub>3</sub> : C<sub>8</sub>H<sub>11</sub>N

Molecular Weight : 146.14 : 121.18



### Analytical Information

Batch No. : N001018-073-410

Description : Brown Solid

HPLC Purity : 96.91 %

Weight Loss By TGA : 3.12 %

% Potency : 93.89 %

Solubility : Acetonitrile

Mass : Confirm

IR : Confirm

<sup>1</sup>H 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 - 3.12(Weight Loss By TGA)] x [96.91(HPLC Purity)]/100 = 93.89 %

-Mixture of Isomer

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		18/10/2024
Reviewed & Approved By	Quality Control	Jatin Patel		18/10/2024

Attachments : COA, HPLC, MASS, <sup>1</sup>H NMR, IR and TGA