

# CERTIFICATE OF ANALYSIS

(Certificate No. KMM114020-01)

Release Date: 19/11/2024

Re-test Date: 18/11/2027

## N-Nitroso Methylphenidate

### Identification

**Chemical Name :**

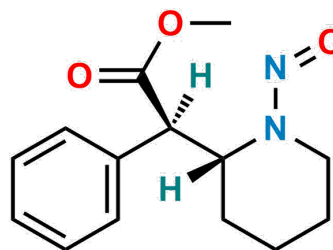
Methyl (R)-2-((R)-1-nitrosopiperidin-2-yl)-2-phenylacetate (Mixture of E/Z Isomer)

CAT No. : KMM114020

CAS No. : 55557-03-4

Molecular Formula : C<sub>14</sub>H<sub>18</sub>N<sub>2</sub>O<sub>3</sub>

Molecular Weight : 262.3



and enantiomer

### Analytical Information

Batch No. : M114020-091-023

Description : Light Yellow Solid

HPLC Purity : 98.04 %

Weight Loss By TGA : 0.02 %

% Potency : 98.02 %

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 - 0.02(Weight Loss By TGA)] x [98.04(HPLC Purity)]/100 = 98.02 %  
-Mixture of Isomer

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		21/11/2024
Reviewed & Approved By	Quality Control	Jatin Patel		21/11/2024

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