CERTIFICATE OF ANALYSIS

(Certificate No. KMM114020-01)

Release Date: 19/11/2024 **Re-test Date:** 18/11/2027

N-Nitroso Methylphenidate

Identification

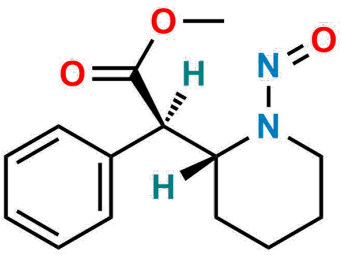
Chemical Name :
Methyl (R)-2-((R)-1-nitrosopiperidin-2-yl)-2-phenylacetate (Mixture of E/Z Isomer)

CAT No. : KMM114020

CAS No. : 55557-03-4

Molecular Formula : C14H18N2O3

Molecular Weight : 262.3



and enantiomer

Analytical Information

Batch No.	: M114020-091-023	**Solubility**	: Acetonitrile
Description	: Light Yellow Solid	**Mass**	: Confirm
HPLC Purity	: 98.04 %	**IR**	: Confirm
Weight Loss By TGA	: 0.02 %	**1H NMR**	: Confirm
% Potency	: 98.02 %		

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, 1HNMR, IR and TGA