

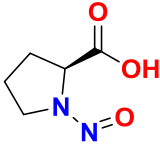


COMMITTED FOR CHEMISTRY

## SYNCHEMIA RESEARCH CHEMICAL

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### CERTIFICATE OF ANALYSIS

<b>Product Name:</b> Vildagliptin Nitroso Impurity 2		
<b>CAS NO:</b> 7519-36-0		
<b>Batch No:</b> SRC-131-PT-210		<b>SRC CAT NO:</b> SRC-N014105
<b>Date of Analysis:</b> 09 June 2023		
<b>Retest Date:</b> 09 June 2025		
<b>Structure:</b>		
		
<b>Chemical Name</b>		Nitroso-L-proline
<b>Molecular Formula</b>		C <sub>5</sub> H <sub>8</sub> N <sub>2</sub> O <sub>3</sub>
<b>Molecular Weight</b>		144.1 g/mol
<b>Sr. No.</b>	<b>Test</b>	<b>Result</b>
1)	<b>Description</b>	Off White Solid
2)	<b>Solubility</b>	Soluble in DMSO, Methanol
3)	<b>Identification</b>	
	1.Mass	Confirm to structure
	2.1H NMR	Confirm to structure
4)	<b>Purity by HPLC</b>	99.81%
<b>Long Term Storage condition</b>		Store at 2 <sup>0</sup> to 8 <sup>0</sup> c
<b>Shipping Condition</b>		Ambient
<b>Note:</b> This is only for Analytical testing purpose, not for Human or Animal Consumption.		
<b>NOTE:</b> Vildagliptin Nitroso Impurity 2 is a highly toxic semi-volatile organic compound and a suspected human carcinogen. Handle the material carefully with proper safety measures		
	Signature	Date
Checked By		
Approved By		

