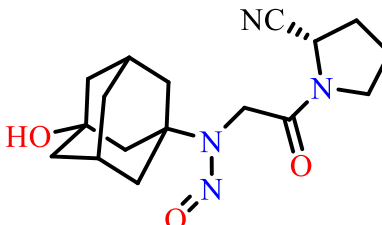


Certificate of Analysis

Identification

Product Name	N- Nitroso Vildagliptin	
Chemical/IUPAC Name	N-(2-((S)-2-cyanopyrrolidin-1-yl)-2-oxoethyl)-N-((1r,3R,5R,7S)-3-hydroxyadamantan-1-yl)nitrous amide	
Synonyms	N/A	
Cas No.	N/A	Chemical Structure 
Molecular Formula	C ₁₇ H ₂₄ N ₄ O ₃	
Molecular Weight	332.18	
Catalogue No.	APVAG-07	
Batch No.	AP2020393	
Date of Manufacturing	07-Jul-20	
Retest Date:	06-Jul-22	

Analytical Test Result

Description	Pale Yellow Solid
Mass Spectra	Mass Conforms to Structure
¹H-NMR	¹ H-NMR Conforms to Structure
IR	IR Conforms to Structure
Solubility	Dichloromethane and Methanol
Total volatile Content	0.00%
Residue on Ignition	0.875%
Chromatographic Purity, HPLC	99.23%
Potency	98.36%
Storage Conditions:	Store in airtight container protected from light and moisture at 2-8°C

	Prepared By	Reviewed By	Approved By
Name			
Signature			
Date			