

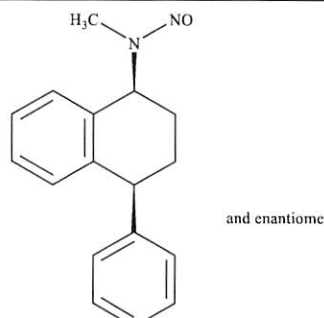
Certificate of Analysis

Certificate No.: 20260609022

Date: June 9, 2026



Retest date: May 27, 2029

Compound Name: <i>N</i> -Nitroso Sertraline EP Impurity B	
Synonyms:	<i>rel-N</i> -methyl- <i>N</i> -((1 <i>S</i> ,4 <i>S</i>)-4-phenyl-1,2,3,4-tetrahydronaphthalen-1-yl)nitrous amide
TLC Catalogue Number:	S-0369
CAS Number:	N/A
Alternate CAS Number:	N/A
Molecular Weight:	266.34
Molecular Formula:	C ₁₇ H ₁₈ N ₂ O
Source:	TLC Pharmaceutical Standards
Source Lot No.:	7236-031A2
Storage Conditions:	Store at 2-8 °C
Solubility:	Methanol, DMSO, Ethanol, DMF



and enantiomer

Test Description	Specifications	Results
Visual Description	Yellow solid	Conforms
Identification		
MS	Conforms to structure	Conforms
¹ H NMR	Conforms to structure	Conforms
Purity (HPLC)	Not less than 95.0%	99.8%
Impurity (HPLC)	RT 16.97, 0.12%	
Water Content (KF)	N/A	0.1%
Residual Solvents (NMR)	0.2% <i>n</i> -hexane	
Assay (%)	Not less than 90.0%	99.5%
Recommendation:	Release. The compound is an <i>N</i> -Nitroso product. Avoid using metal spatula and applying pressure. Wear proper personal protective equipment when handling.	

Name	Department	Signature	Date
Reviewed and approved by:	Quality Control		06/09/2026
Approved by:	Quality Assurance		06/09/2026

Attachments: Peak Attribution Table, Assay Calculation, HPLC, MS and NMR spectra.