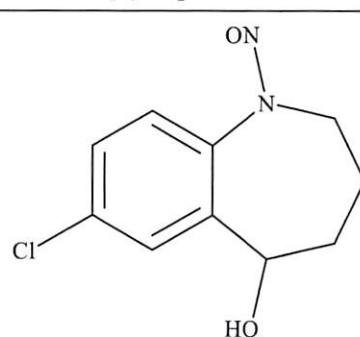


Certificate of Analysis

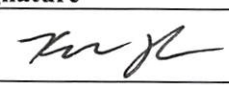

Certificate No.: 20260526008

Date: May 26, 2026

Retest date: May 21, 2029

Compound Name:	<i>N</i> -Nitroso Tolvaptan Impurity 30	
Synonyms:	7-chloro-1-nitroso-2,3,4,5-tetrahydro-1 <i>H</i> -benzo[<i>b</i>]azepin-5-ol	
TLC Catalogue Number:	T-6986	
CAS Number:	N/A	
Alternate CAS Number:	N/A	
Molecular Weight:	226.66	
Molecular Formula:	C ₁₀ H ₁₁ ClN ₂ O ₂	
Source:	TLC Pharmaceutical Standards	
Source Lot No.:	7373-081A3	
Storage Conditions:	Store at 2-8 °C	
Solubility:	Methanol, DMSO, DMF, Acetonitrile	

Test Description	Specifications	Results
Visual Description	Pale yellow solid	Conforms
Identification		
MS	Conforms to structure	Conforms
¹ H NMR	Conforms to structure	Conforms
Purity (HPLC)	Not less than 95.0%	100.0%
Impurity (HPLC)	N/A	
Water Content (KF)	N/A	0.2%
Residual Solvents (NMR)	0.1% <i>n</i> -hexane	
Assay (%)	Not less than 90.0%	99.7%
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		05/26/2026
Approved by:	Quality Assurance		05/26/2026

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