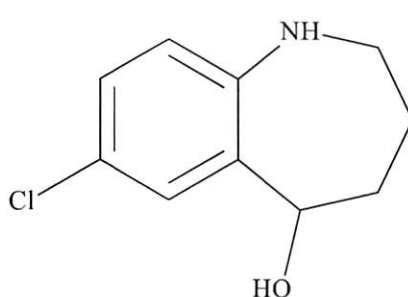


## Certificate of Analysis



Certificate No.: 20260526007

Date: May 26, 2026

Retest date: May 21, 2029

<b>Compound Name:</b>	<b>Tolvaptan Impurity 30</b>	
<b>Synonyms:</b>	7-chloro-2,3,4,5-tetrahydro-1H-benzo[b]azepin-5-ol	
<b>TLC Catalogue Number:</b>	T-6935	
<b>CAS Number:</b>	1310357-40-4	
<b>Alternate CAS Number:</b>	N/A	
<b>Molecular Weight:</b>	197.66	
<b>Molecular Formula:</b>	C <sub>10</sub> H <sub>12</sub> ClNO	
<b>Source:</b>	TLC Pharmaceutical Standards	
<b>Source Lot No.:</b>	7373-080A1	
<b>Storage Conditions:</b>	Store at 2-8 °C	
<b>Solubility:</b>	Methanol, DMSO, DMF, Acetonitrile	

Test Description	Specifications	Results
<b>Visual Description</b>	White to off-white solid	<b>Conforms</b>
<b>Identification</b>		
IR	Conforms to structure	<b>Conforms</b>
MS	Conforms to structure	<b>Conforms</b>
<sup>1</sup> H NMR	Conforms to structure	<b>Conforms</b>
<b>Purity (HPLC)</b>	Not less than 95.0%	<b>99.8%</b>
<b>Impurity (HPLC)</b>	RT 2.73, 0.21%	
<b>Water Content (KF)</b>	N/A	<b>0.1%</b>
<b>Residual Solvents (NMR)</b>	0.1% acetonitrile	
<b>Assay (%)</b>	Not less than 90.0%	<b>99.6%</b>
<b>Recommendation:</b>	<b>Release.</b>	

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, IR, MS and NMR spectra.