

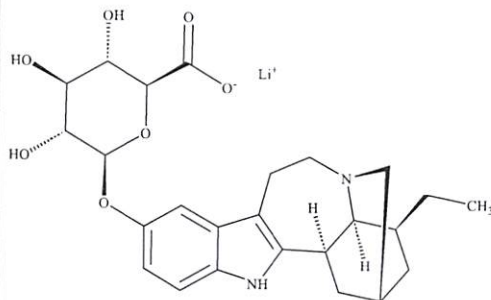
## Certificate of Analysis

Certificate No.: 20250722009



Date: July 22, 2025

Retest date: July 10, 2028

<b>Compound Name:</b> Noribogaine Glucuronide Lithium Salt	
<b>Synonyms:</b>	(2S,3S,4S,5R,6S)-6-(((6R,6aS,7S,9S,11S)-7-ethyl-6,6a,7,8,9,10,12,13-octahydro-5H-6,9-methanopyrido[1',2':1,2]azepino[4,5-b]indol-2-yl)oxy)-3,4,5-trihydroxytetrahydro-2H-pyran-2-carboxylic acid, lithium salt (1:1)
<b>TLC Catalogue Number:</b>	I-356
<b>CAS Number:</b>	N/A
<b>Alternate CAS Number:</b>	1628118-68-2 (free acid)
<b>Molecular Weight:</b>	471.53 6.94
<b>Molecular Formula:</b>	C <sub>25</sub> H <sub>31</sub> N <sub>2</sub> O <sub>7</sub> · Li
<b>Source:</b>	TLC Pharmaceutical Standards
<b>Source Lot No.:</b>	6141-051A5
<b>Storage Conditions:</b>	Store at 2-8 °C
<b>Solubility:</b>	Methanol, DMSO, Water



Test Description	Specifications	Results
<b>Visual Description</b>	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>96.2%</b>
<b>Impurity (HPLC)</b>	RT 5.35, 0.46%; RT 9.08, 1.48%; RT 13.06, 1.24%	
<b>Water Content (KF)</b>	N/A	<b>4.2%</b>
<b>Residual Solvents (NMR)</b>	No residual solvent	
<b>Assay (%)</b>	Not less than 90.0%	<b>92.2%</b>
<b>Recommendation:</b>	<b>Release.</b> The compound contains 1.5% isomeric impurity (RT 9.08) and 1.2% M-18 impurity (RT 13.06) according to its HPLC and LC-MS.	

Name	Department	Signature	Date
Reviewed and approved by:	Quality Control		07/22/2025
Approved by:	Quality Assurance		07/22/2025

**Attachments:** Peak Attribution Table, HPLC, IR, MS and NMR spectra.