

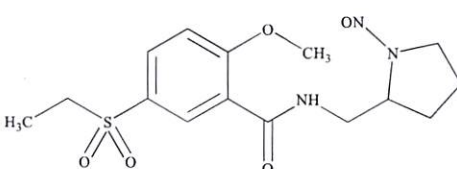
## Certificate of Analysis

Certificate No.: 20260612006


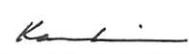
Date: June 12, 2026

Retest date: May 15, 2029

<b>Compound Name:</b> N-Nitroso Amisulpride Impurity 32	
<b>Synonyms:</b>	5-(ethylsulfonyl)-2-methoxy-N-((1-nitrosopyrrolidin-2-yl)methyl)benzamide
<b>TLC Catalogue Number:</b>	A-8350
<b>CAS Number:</b>	N/A
<b>Alternate CAS Number:</b>	N/A
<b>Molecular Weight:</b>	355.41
<b>Molecular Formula:</b>	C <sub>15</sub> H <sub>21</sub> N <sub>3</sub> O <sub>5</sub> S
<b>Source:</b>	TLC Pharmaceutical Standards
<b>Source Lot No.:</b>	7340-091A3
<b>Storage Conditions:</b>	Store at 2-8 °C
<b>Solubility:</b>	Methanol, DMSO, DMF



Test Description	Specifications	Results
<b>Visual Description</b>	White to off-white solid	<b>Conforms</b>
<b>Identification</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 11.68, 0.17%	
<b>Water Content (KF)</b>	N/A	<b>0.3%</b>
<b>Residual Solvents (NMR)</b>	No residual solvent	
<b>Assay (%)</b>	Not less than 90.0%	<b>99.5%</b>
<b>Recommendation:</b>	<b>Release.</b> The compound is an N-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		06/12/2026
Approved by:	Quality Assurance		06/12/2026

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