

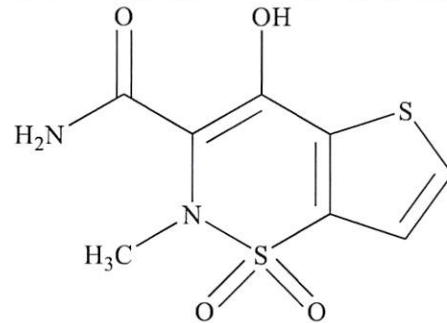
# Certificate of Analysis

Certificate No.: 20251011019


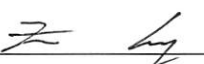
Date: October 11, 2025

Retest date: October 10, 2028

<b>Compound Name:</b> Tenoxicam EP Impurity G	
<b>Synonyms:</b>	4-hydroxy-2-methyl-2H-thieno[2,3-e][1,2]thiazine-3-carboxamide 1,1-dioxide
<b>TLC Catalogue Number:</b>	T-130007
<b>CAS Number:</b>	105410-48-8
<b>Alternate CAS Number:</b>	N/A
<b>Molecular Weight:</b>	260.28
<b>Molecular Formula:</b>	C <sub>8</sub> H <sub>8</sub> N <sub>2</sub> O <sub>4</sub> S <sub>2</sub>
<b>Source:</b>	TLC Pharmaceutical Standards
<b>Source Lot No.:</b>	3864-020A4
<b>Storage Conditions:</b>	Store at 2-8 °C
<b>Solubility:</b>	DMSO



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>99.9%</b>
<b>Impurity (HPLC)</b>	RT 5.62, 0.12%	
<b>Water Content (KF)</b>	N/A	<b>0.3%</b>
<b>Residual Solvents (NMR)</b>	0.2% dimethyl sulfoxide	
<b>Assay (%)</b>	Not less than 90.0%	<b>99.4%</b>
<b>Recommendation:</b>	<b>Release.</b>	

Name	Department	Signature	Date
Reviewed and approved by:	Quality Control		10/14/2025
Approved by:	Quality Assurance		10/14/2025

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