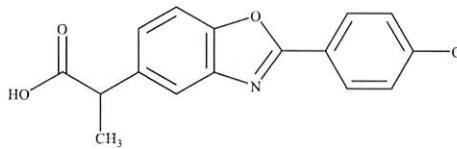


## Certificate of Analysis



Certificate No.: 20260624010

Date: June 24, 2026

Retest date: June 24, 2029

<b>Compound Name:</b>	<b>Benoxaprofen</b>	
<b>Synonyms:</b>	2-(2-(4-chlorophenyl)benzo[d]oxazol-5-yl)propanoic acid	
<b>TLC Catalogue Number:</b>	B-271001	
<b>CAS Number:</b>	51234-28-7	
<b>Alternate CAS Number:</b>	N/A	
<b>Molecular Weight:</b>	301.73	
<b>Molecular Formula:</b>	C <sub>16</sub> H <sub>12</sub> ClNO <sub>3</sub>	
<b>Source:</b>	TLC Pharmaceutical Standards	
<b>Source Lot No.:</b>	7484-039A6	
<b>Storage Conditions:</b>	Store at 2-8 °C	
<b>Solubility:</b>	Methanol, 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>98.9%</b>
<b>Impurity (HPLC)</b>	RT 5.06, 0.86%	
<b>Water Content (KF)</b>	N/A	<b>0.2%</b>
<b>Residue (TGA at 800 °C)</b>	N/A	<b>0.0%</b>
<b>Residual Solvents (NMR)</b>	No residual solvent	
<b>Assay (%)</b>	Not less than 90.0%	<b>98.7%</b>
<b>Recommendation:</b>	<b>Release.</b>	

Name	Department	Signature	Date
Reviewed and approved by:	Quality Control		06/24/2026
Approved by:	Quality Assurance		06/24/2026

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