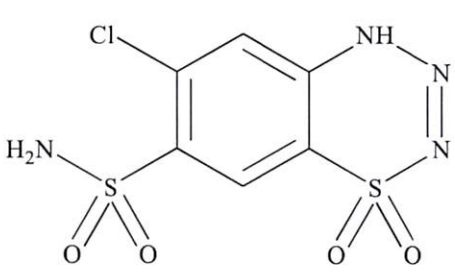


# Certificate of Analysis


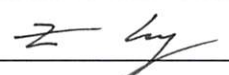
 Certificate No.: **20260617008**

Date: June 17, 2026

Retest date: June 11, 2029

<b>Compound Name:</b>	<b>Hydrochlorothiazide Impurity 26</b>	
<b>Synonyms:</b>	6-chloro-4H-benzo[e][1,2,3,4]thiaziazine-7-sulfonamide 1,1-dioxide	
<b>TLC Catalogue Number:</b>	H-0538	
<b>CAS Number:</b>	1214-64-8	
<b>Alternate CAS Number:</b>	N/A	
<b>Molecular Weight:</b>	296.70	
<b>Molecular Formula:</b>	C <sub>6</sub> H <sub>5</sub> ClN <sub>4</sub> O <sub>4</sub> S <sub>2</sub>	
<b>Source:</b>	TLC Pharmaceutical Standards	
<b>Source Lot No.:</b>	7371-087A3	
<b>Storage Conditions:</b>	Store at 2-8 °C	
<b>Solubility:</b>	Water	

Test Description	Specifications	Results
<b>Visual Description</b>	Off-white solid	<b>Conforms</b>
<b>Identification</b>		
<b>IR</b>	Conforms to structure	<b>Conforms</b>
<b>MS</b>	Conforms to structure	<b>Conforms</b>
<b><sup>1</sup>H NMR</b>	Conforms to structure	<b>Conforms</b>
<b>Purity (HPLC)</b>	Not less than 95.0%	<b>99.4%</b>
<b>Impurity (HPLC)</b>	RT 3.33, 0.46%; RT 4.22, 0.11%	
<b>Residual Solvents (NMR)</b>	No residual solvent	
<b>Assay (qNMR)</b>	Not less than 80.0%	<b>85.9%</b>
<b>Recommendation:</b>	<b>Release.</b>	

Name	Department	Signature	Date
Reviewed and approved by:	Quality Control		06/17/2026
Approved by:	Quality Assurance		06/17/2026

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