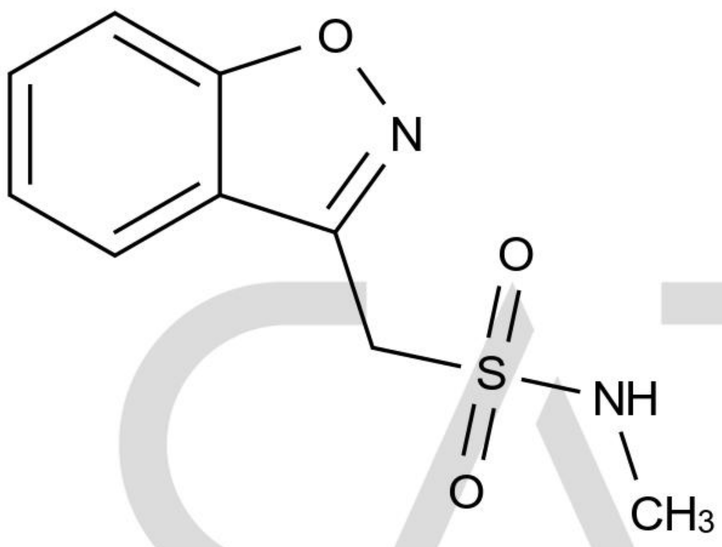
Certificate of Analysis

Reference Material & Standard

Product Name:	Zonisamide Impurity 4	**Catalogue Number:**	C4X-17854
Synonyms:	N/A	**Lot Number:**	0323-RH-0184
CAS Number:	68292-02-4	**Expiry Date:**	Mar 24, 2030
Molecular Formula:	$C_9H_{10}N_2O_3S$	**Storage:**	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	226.25	**Shipping Condition:**	Shipping at Room Temperature
Solubility:	Acetonitrile		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&IR&UV&CNMR&HNMR	Confirmed
Purity	HPLC	99.813%
Loss on Drying	TGA	0.4998%
Assay	Mass Balance	99.3%

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Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):
*Assay (%) = (100%-Loss on Drying) * Purity HPLC (%) /100%*
Loss on Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by: Koi — Date: Sep 30, 2026

Reviewed by: Lisa — Date: Sep 30, 2026

Approved by General Manager: David — Date: Sep 30, 2026

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