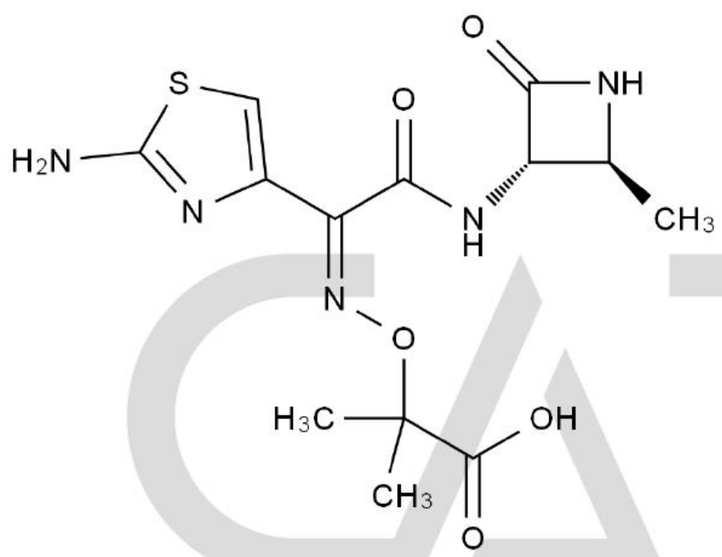
Certificate of Analysis

Reference Material & Standard

Product Name:	Aztreonam USP RC D	**Catalogue Number:**	C4X-15226
Synonyms:	N/A	**Lot Number:**	1103-RG-0060
CAS Number:	102579-59-9	**Expiry Date:**	Oct 29, 2029
Molecular Formula:	$C_{13}H_{17}N_5O_5S$	**Storage:**	-20°C±5°C Protected from light and Sealed
Molecular Weight:	355.37	**Shipping Condition:**	Shipping with Ice Packs

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Pale Yellow Solid
Identification	LCMS&IR&UV&CNMR&HNMR	Confirmed
Purity	HPLC	98.547%
Water Content	Karl Fischer	2.00%
Residual Solvents	NMR	2.72% methanol
Assay	Mass Balance	93.9%

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Comment:

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

Signature:

Prepared by: Koi — Date: Nov 03, 2026

Reviewed by: Hinlam — Date: Nov 04, 2026

Approved by General Manager: David — Date: Nov 04, 2026

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