

Certificate of Analysis

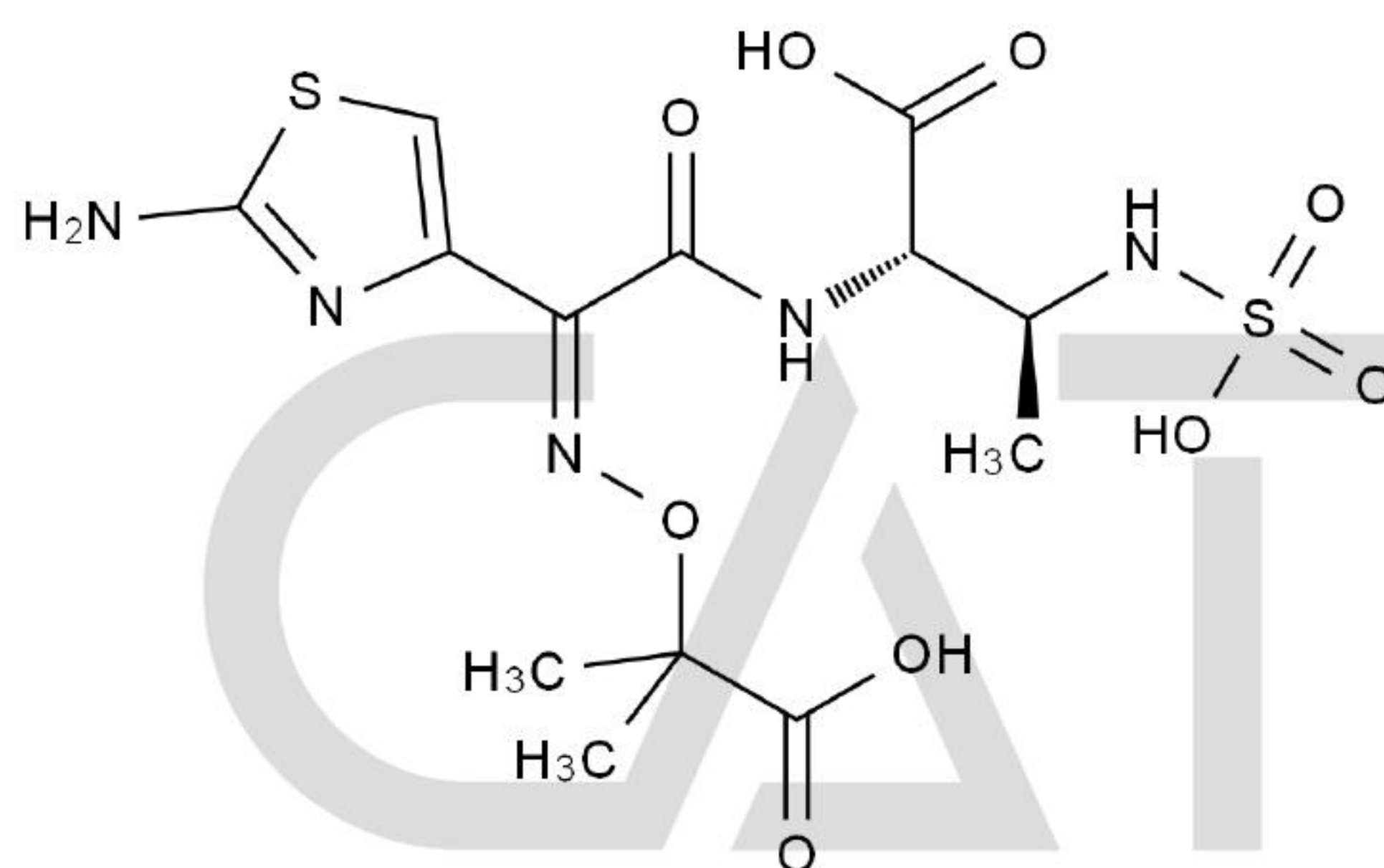
Reference Material & Standard

Product Name:	Aztreonam USP RC A	Catalogue Number:	CP150707
Synonyms:	N/A	Lot Number:	0630-RG-0122
CAS Number:	87500-74-1	Expiry Date:	Jun 29, 2028
Molecular Formula:	C ₁₃ H ₁₉ N ₅ O ₉ S ₂	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	453.45	Shipping Condition:	Shipping with Ice Packs

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	96.113%
Residue on Ignition	TGA	1.5351%
Loss on Drying	TGA	4.1349%
Assay		90.7%

Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Residue on Ignition - Loss on Drying) * Purity HPLC (%) / 100%

Residue on Ignition and Loss on Drying are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

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Reviewed by:

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Approved by General Manager:

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Date: Jul 01, 2025

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