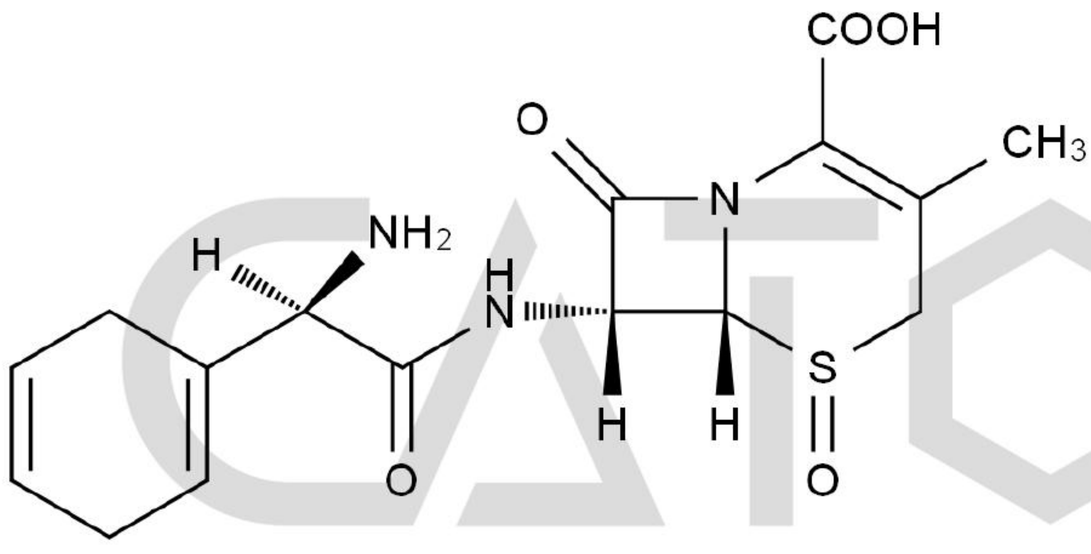
Certificate of Analysis

Reference Material & Standard

Product Name:	Cefradine EP Impurity D	**Catalogue Number:**	C4X-12156
Synonyms:	N/A	**Lot Number:**	1028-RH-0073
CAS Number:	N/A	**Expiry Date:**	Oct 15, 2029
Molecular Formula:	$C_{16}H_{19}N_3O_5S$	**Storage:**	-20°C±5°C Protected from light and Sealed
Molecular Weight:	365.40	**Shipping Condition:**	Shipping with Ice Packs
		Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&CNMR&HNMR	Confirmed
Purity	HPLC	97.5%
Assay	qNMR	93.5%

CATO Research Chemicals Inc.

Signature:

Prepared by: Date: Nov 03, 2026

Reviewed by: Date: Nov 03, 2026

Approved by General Manager: Date: Nov 03, 2026