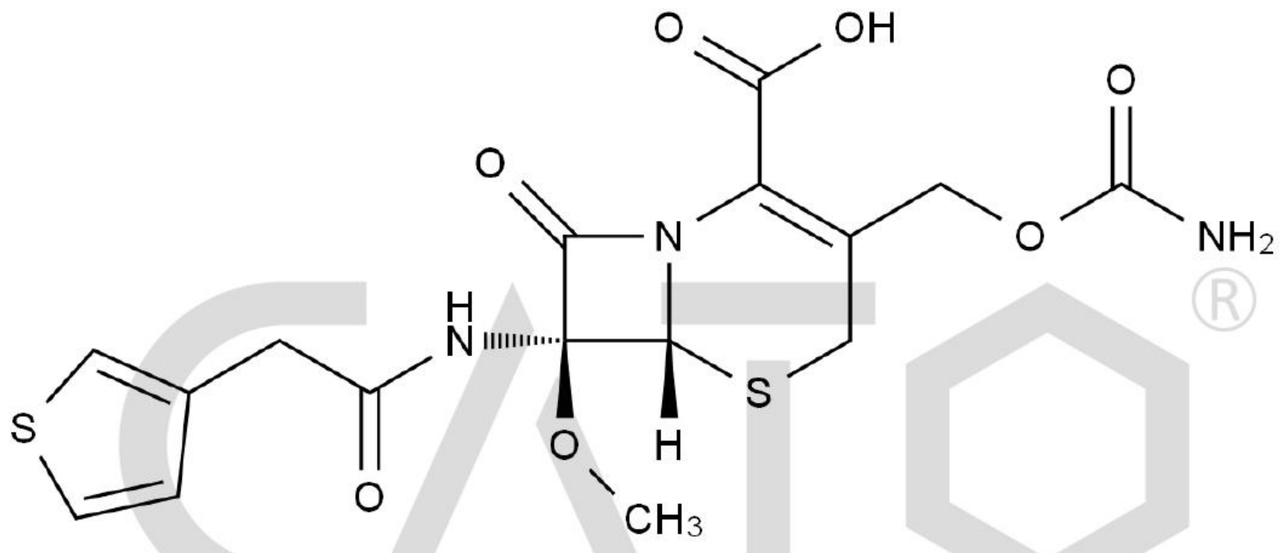
Certificate of Analysis

Reference Material & Standard

Product Name:	Cefoxitin EP Impurity I	**Catalogue Number:**	C4X-157813
Synonyms:	N/A	**Lot Number:**	0924-RH-0062
CAS Number:	N/A	**Expiry Date:**	Sep 28, 2030
Molecular Formula:	$C_{16}H_{17}N_3O_7S_2$	**Storage:**	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	427.45	**Shipping Condition:**	Shipping at Room Temperature
Solubility:	Acetonitrile		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	96.1%
Assay	qNMR	94.2%

CATO Research Chemicals Inc.

Signature:

Prepared by: Alice Date: Sep 29, 2026

Reviewed by: Koi Date: Sep 29, 2026

Approved by General Manager: David Date: Sep 29, 2026

CATO Research Chemicals Inc.