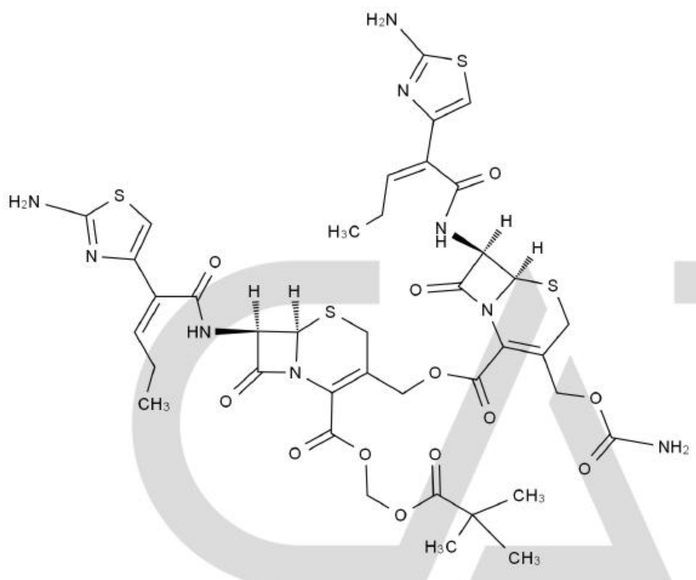
Certificate of Analysis

Reference Material & Standard

Product Name:	Cefcapene Impurity 12	**Catalogue Number:**	C4X-182412
Synonyms:	N/A	**Lot Number:**	1016-RH-0096
CAS Number:	3025716-46-2	**Expiry Date:**	Oct 07, 2029
Molecular Formula:	$C_{39}H_{45}N_9O_{12}S_4$	**Storage:**	-20°C±5°C Protected from light and Sealed
Molecular Weight:	960.09	**Shipping Condition:**	Shipping with Ice Packs

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Solid
Identification	LCMS&IR&UV&CNMR&HNMR	Confirmed
Purity	HPLC	94.8%
Assay	qNMR	90.8%

CATO Research Chemicals Inc.

Signature:

Prepared by: Koji Date: Nov 02, 2026

Reviewed by: Hinlam Date: Nov 02, 2026

Approved by General Manager: David Date: Nov 02, 2026

CATO Research Chemicals Inc.