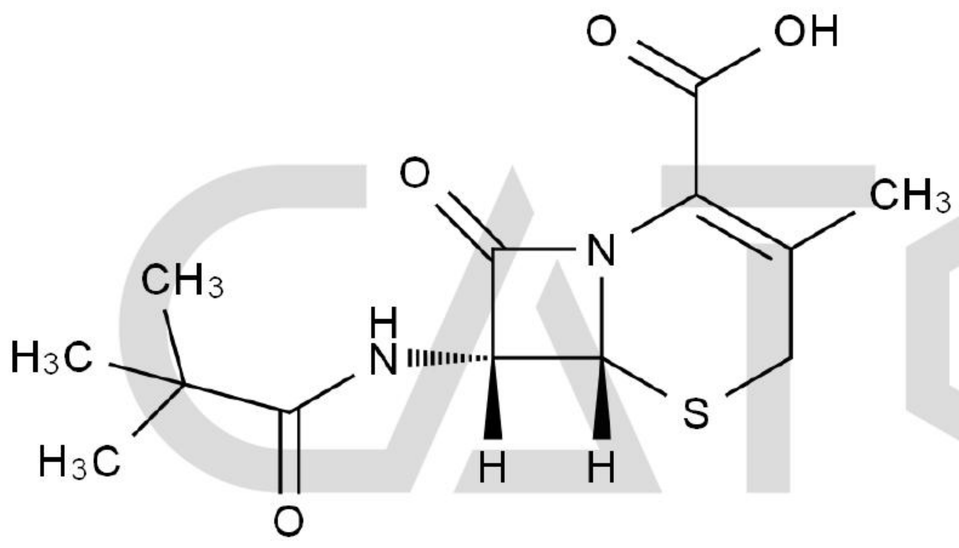
Certificate of Analysis

Reference Material & Standard

Product Name:	Cefradine EP Impurity G(Cefalexin EP Impurity E/Cefadroxil EP Impurity H)	**Catalogue Number:**	C4X-12151
Synonyms:	N/A	**Lot Number:**	0606-RF-0061
CAS Number:	146794-70-9	**Expiry Date:**	Sep 28, 2030
Molecular Formula:	$C_{13}H_{18}N_2O_4S$	**Storage:**	-20°C±5°C Protected from light and Sealed
Molecular Weight:	298.36	**Shipping Condition:**	Shipping with Ice Packs
		Warning:	

Chemical Structure:



CATO Research Chemicals Inc.

Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	97.6%
Assay	qNMR	92.3%

Signature:

Prepared by: Koji Date: Sep 29, 2026

Reviewed by: Lisa Date: Sep 29, 2026

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

CATO Research Chemicals Inc.