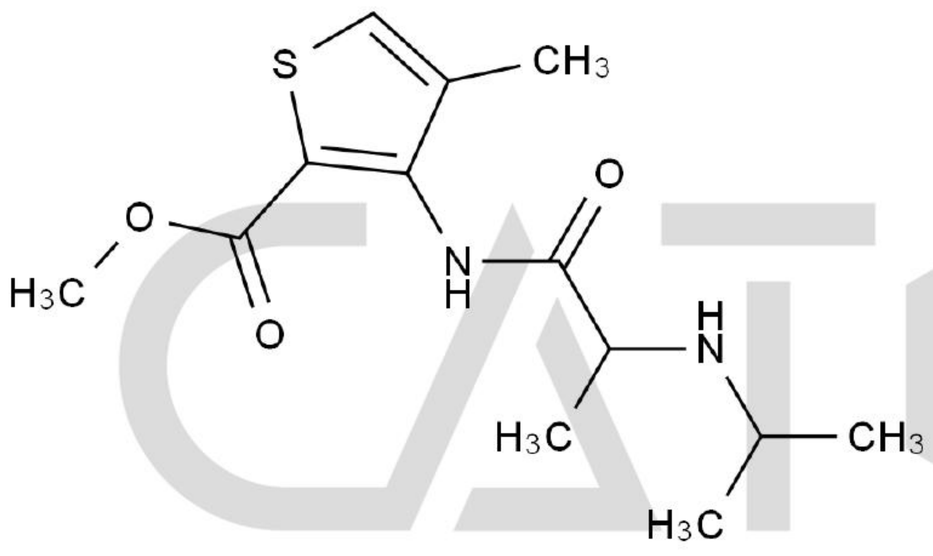
Certificate of Analysis

Reference Material & Standard

Product Name:	Articaine EP Impurity E	**Catalogue Number:**	CP122222
Synonyms:	N/A	**Lot Number:**	1101-RH-0111
CAS Number:	1796888-45-3	**Expiry Date:**	Nov 02, 2030
Molecular Formula:	$C_{13}H_{20}N_2O_3$	**Storage:**	-20°C±5°C Protected from light and Sealed
Molecular Weight:	284.37	**Shipping Condition:**	Shipping with Ice Packs
Solubility:	Acetonitrile	**Warning:**	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White to Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.7%

CATO Research Chemicals Inc.

Signature:

Prepared by: Alice Date: Nov 03, 2026

Reviewed by: Koi Date: Nov 04, 2026

Approved by General Manager: David Date: Nov 04, 2026

CATO Research Chemicals Inc.