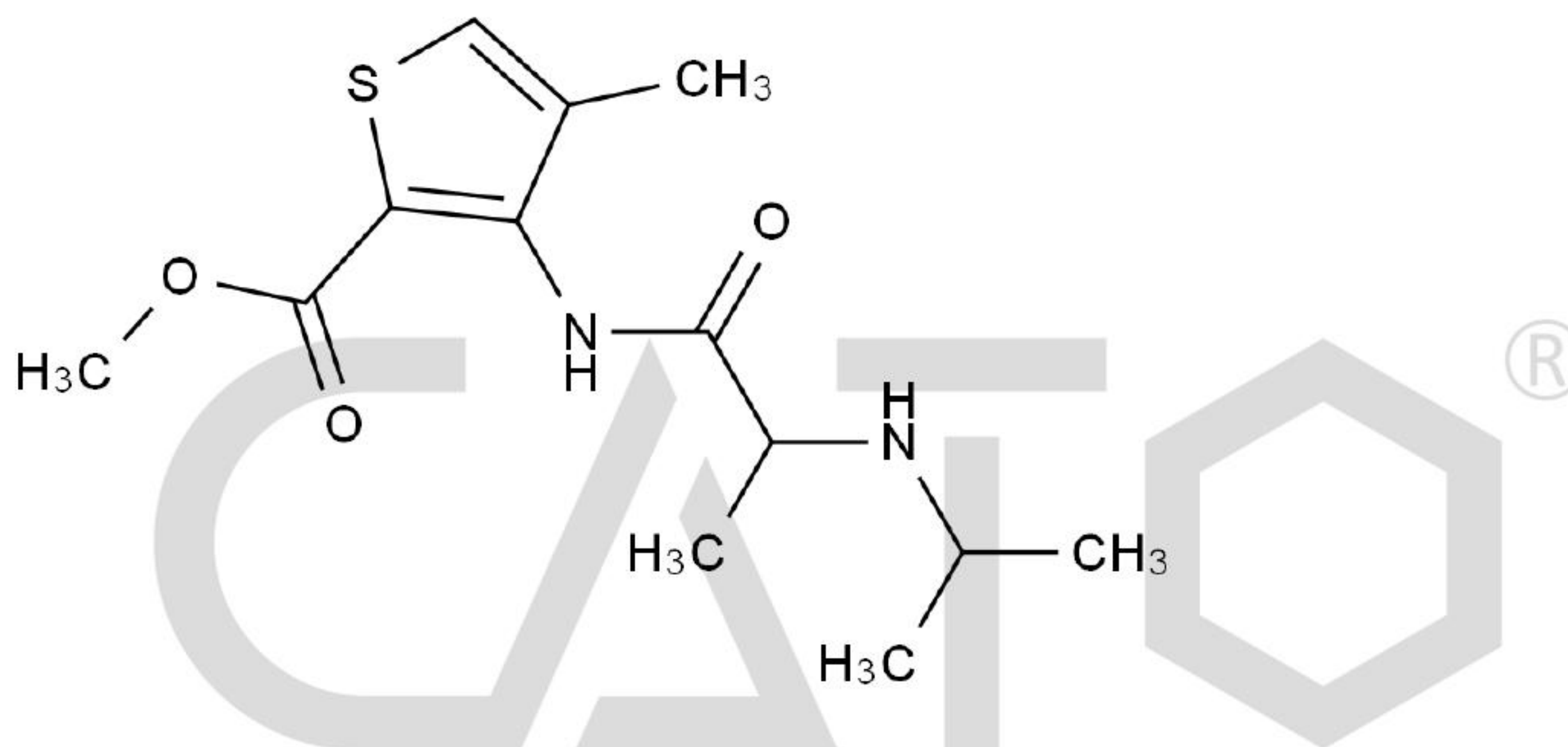


Certificate of Analysis

Reference Material & Standard

Product Name:	Articaine EP Impurity E	Catalogue Number:	CP122222
Synonyms:	N/A	Lot Number:	0424-RG-0116
CAS Number:	1796888-45-3	Expiry Date:	May 05, 2028
Molecular Formula:	C ₁₃ H ₂₀ N ₂ O ₃	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	284.37	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Light Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.527%
Loss On Drying	TGA	0.0328%
Assay		99.5%

Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Loss On Drying) * Purity HPLC (%) / 100%

Loss On Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: May 06, 2025

Date: May 06, 2025

Date: May 06, 2025

