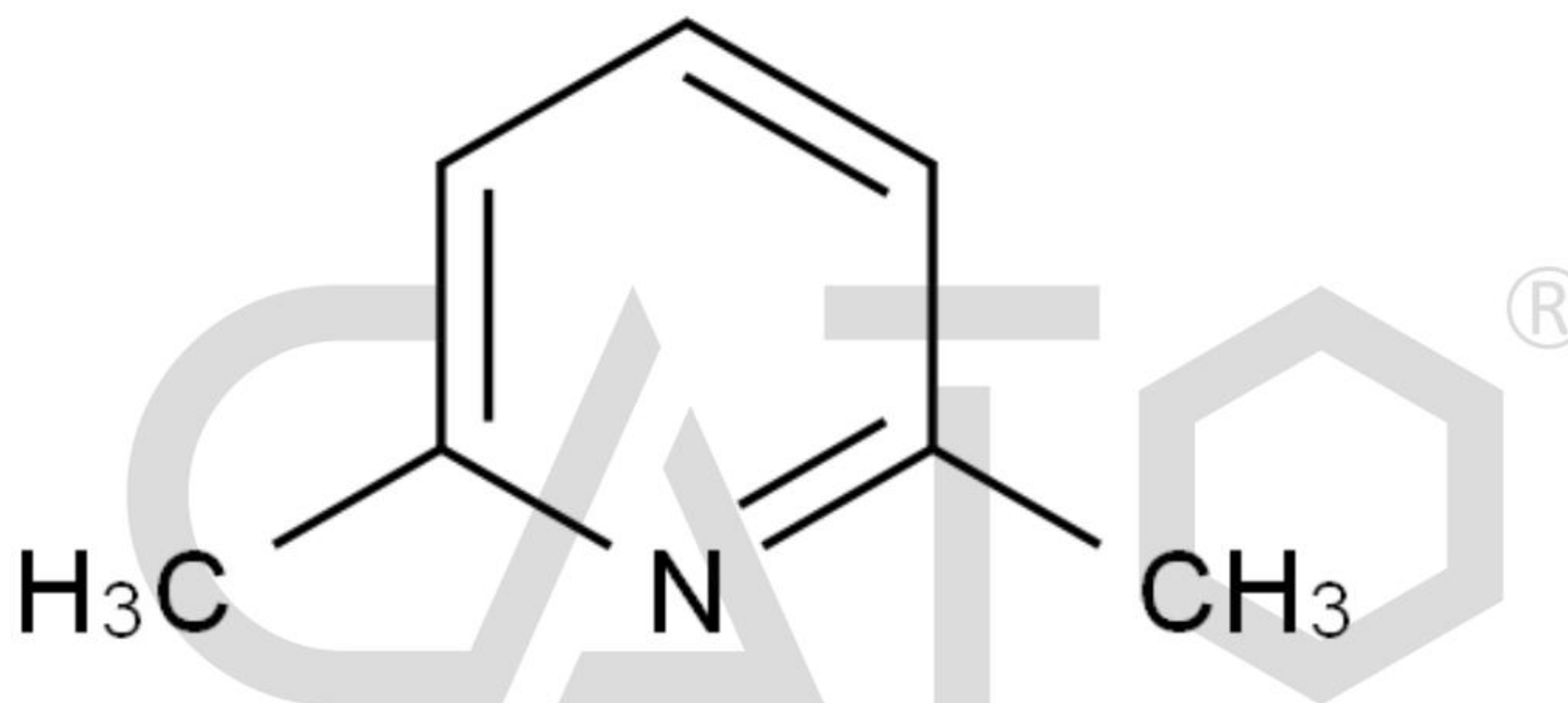


Certificate of Analysis

Reference Material & Standard

Product Name:	Meropenem Impurity 4	Catalogue Number:	C4X-13094
Synonyms:	N/A	Lot Number:	0331-RH-0085
CAS Number:	108-48-5	Expiry Date:	Apr 02, 2030
Molecular Formula:	C ₇ H ₉ N	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	107.15	Shipping Condition:	Shipping at Room Temperature
Solubility:	Acetonitrile	Warning:	 

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Colourless Liquid
Identification	LCMS&IR&UV&HNMR	Confirmed
Purity	HPLC	99.864%
Water Content	Karl Fischer	0.3346%
Assay		99.5%

Comment:

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

Assay (%) = (100% - Water Content) * Purity HPLC (%) / 100%

Water Content 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: Apr 03, 2026

Date: Apr 03, 2026

Date: Apr 03, 2026



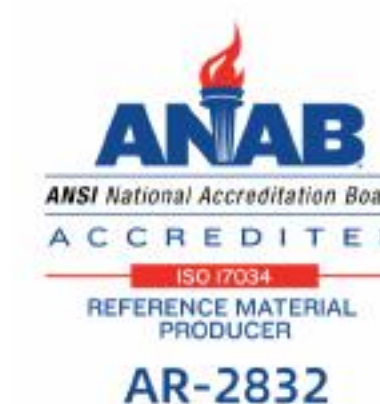
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Page 1 of 7



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