

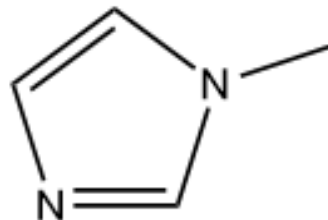
Certificate of Analysis

Catalogue Number

KL-02-02136

Lot Number

KLAI00176

Structure

Product Name

Thiamazole EP Impurity B

Synonyms

N1-Methylimidazole; Rivaroxaban Impurity 11

CAS Number

616-47-7

Molecular Formula

C₄H₆N₂
Molecular Weight

82.1 g/mol

Mfg. Date

02-09-2025

Re-Test Date

01-09-2028

Shipping Condition

All Product are stable to be shipped at room temperature, unless otherwise specified.

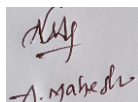
Long Term Storage Conditions

2°C ~ 8°C Protected from light and Sealed

Analytical Information

Test	Specifications	Results
Appearance	Clear Colourless Liquid	Clear Colourless Liquid
Solubility	Soluble in Chloroform, Methanol	Conforms
Purity by HPLC	Not less than 90.00%	99.91%
Identification by ¹ HNMR	Conforms to structure	Complies
Identification by Mass	Conforms Molecular Weight	Complies
Identification by IR	Conform functional groups	Complies
Weight Content By TGA	Not specified	9.298%
Residue of Ignition By TGA	Not specified	0.000%
Potency	Not specified	90.62%

Prepared by



Reviewed & Approved by



Note: Use for research & analytical purpose only. Not for human consumption

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