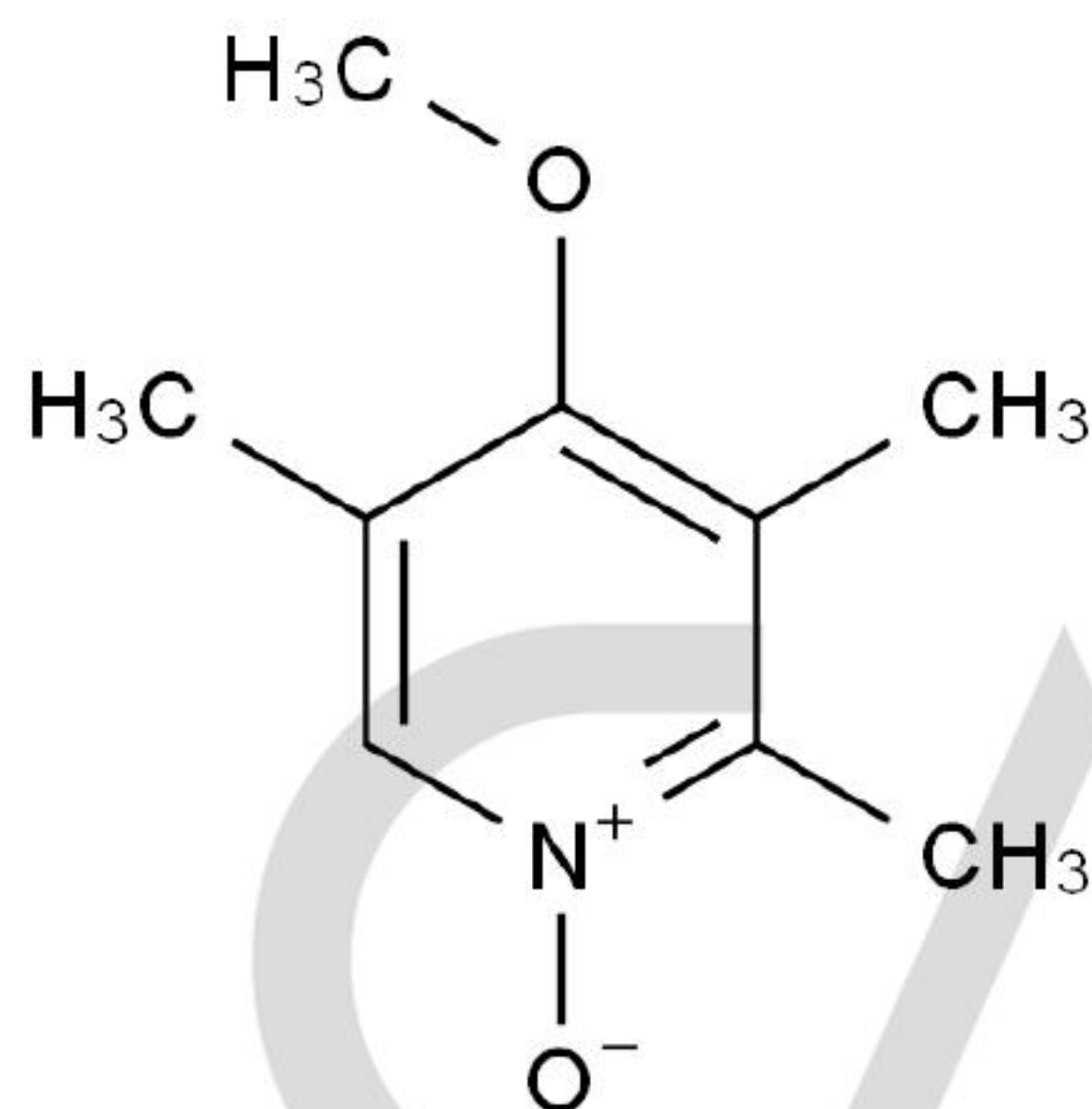


Certificate of Analysis

Reference Material & Standard

Product Name:	Esomeprazole Impurity 40	Catalogue Number:	C4X-111240
Synonyms:	N/A	Lot Number:	0619-RG-0062
CAS Number:	86604-80-0	Expiry Date:	Jun 22, 2028
Molecular Formula:	C ₉ H ₁₃ NO ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	167.21	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Light Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.779%
Loss On Drying	TGA	7.6589%
Assay		91.2%

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: Jun 23, 2025

Date: Jun 23, 2025

Date: Jun 23, 2025

