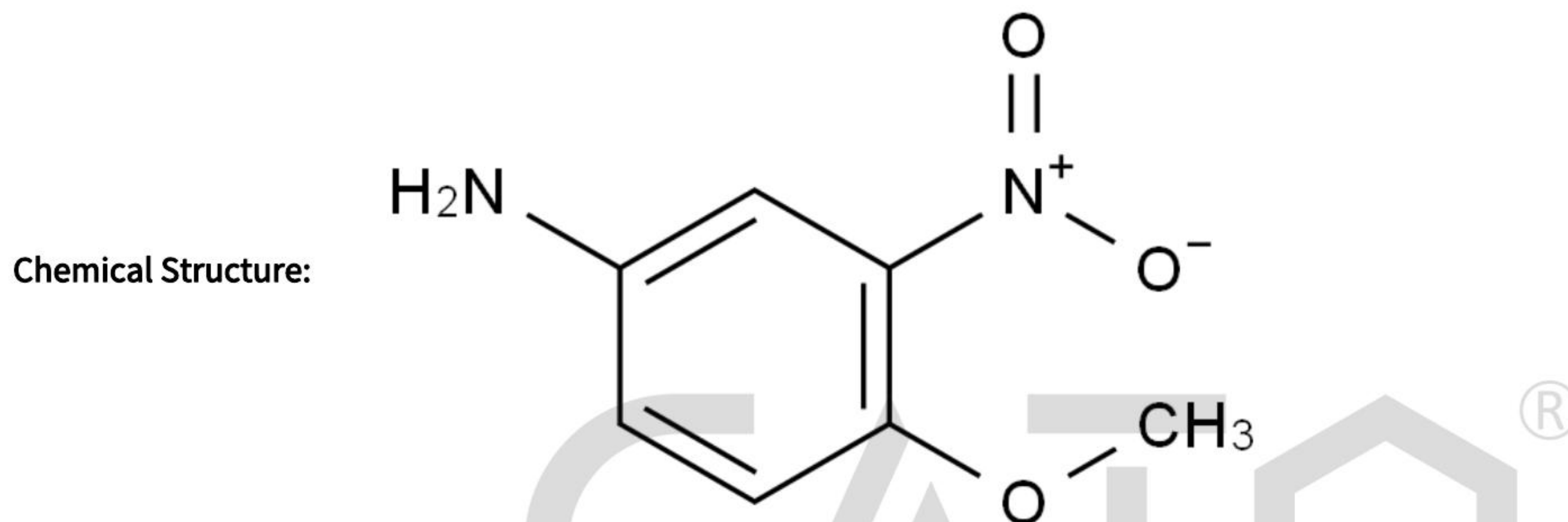


Certificate of Analysis

Reference Material

Product Name:	Esomeprazole Impurity 28	Catalogue Number:	C4X-111228
Chemical Name:	N/A	Lot Number:	0902-RA-0011
CAS Number:	577-72-0	Expiry Date:	Jun 09, 2025
Molecular Formula:	C ₇ H ₈ N ₂ O ₃	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	168.15		



Test Items	Method	Results
Appearance	Visual inspection	Red Powder
Identification	LCMS&IR&HNMR	Confirmed
Purity	HPLC	99.634%
Water Content	Karl Fischer	0.08205%
Residue on Ignition	Muffle Furnace	0.03%
Assay		99.5%

Comment:

The calculation of the 100% method follows the formula:

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

Water Content and Residue on Ignition are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Hin Lam

Reviewed by:

Cady

Aporoved by General manager:

David

Date: Jun 10, 2022

Date: Jun 13, 2022

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