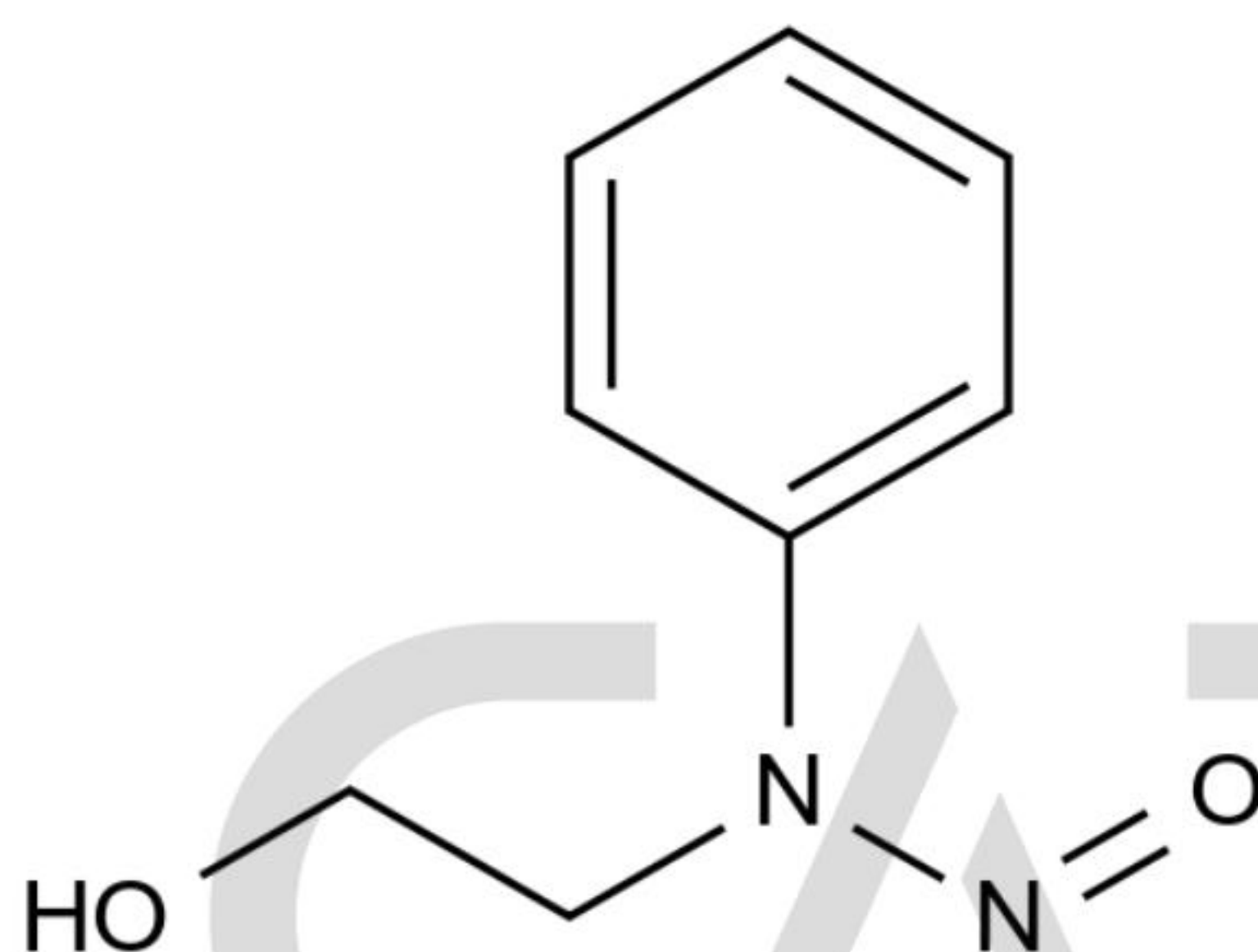


Certificate of Analysis

Reference Material & Standard

Product Name:	Clofazimine Impurity 8	Catalogue Number:	C4X-20718
Synonyms:	N/A	Lot Number:	0120-RG-0139
CAS Number:	25413-76-7	Expiry Date:	Jan 19, 2028
Molecular Formula:	C ₈ H ₁₀ N ₂ O ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	166.18		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow-Brown Oil
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	96.025%
Residue on Ignition	TGA	0.1860%
Loss On Drying	TGA	0.2133%
Assay		95.6%

Comment:

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

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

Residue on Ignition and Loss On Drying are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Jan 23, 2025

Date: Jan 24, 2025

Date: Jan 24, 2025

