

Certificate of Analysis

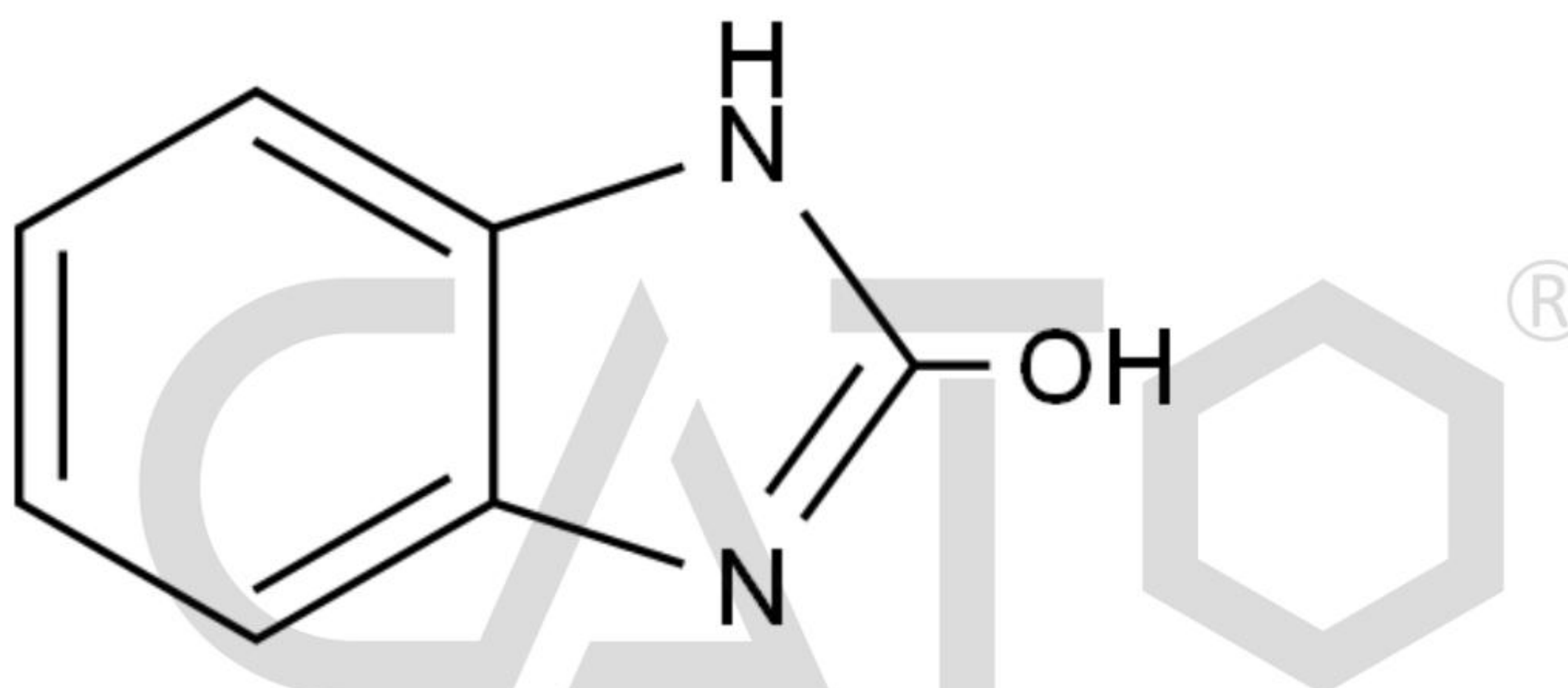
Reference Material & Standard

Product Name:	Lansoprazole EP Impurity D	Catalogue Number:	C4X-11134
Synonyms:	N/A	Lot Number:	0522-RF-0066
CAS Number:	102976-62-5	Expiry Date:	Aug 11, 2030
Molecular Formula:	C ₇ H ₆ N ₂ O	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	134.14	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Brown Solid
Identification	LCMS&CNMR&HNMR	Confirmed
Purity	HPLC	100.000%
Residue on Ignition	TGA	0.2658%
Loss on Drying	TGA	0.0111%
Assay		99.7%

Comment:

The calculation of the mass balance 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:

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Reviewed by:

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Approved by General Manager:

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Date: Aug 12, 2026

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Page 1 of 8



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