CERTIFICATE OF ANALYSIS

(Certificate No. KML003013-01)

Release Date: 16/04/2025 **Re-test Date:** 15/04/2028

LANSOPRAZOLE IMPURITY D

Identification

Chemical Name :
2-Hydroxybenzimidazole ;

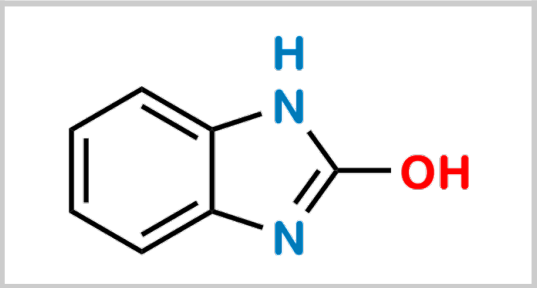
Alt. Name : 1H-Benzimidazol-2-ol

CAT No. : KML003013

CAS No. : 102976-62-5

Molecular Formula : C7H6N2O

Molecular Weight : 134.1



Analytical Information

Batch No.	: L003013-091-332	**Solubility**	: Methanol
Description	: Brown Solid	**Mass**	: Confirm
HPLC Purity	: 99.49 %	**IR**	: Confirm
Weight Loss By TGA	: 0.01 %	**1H NMR**	: Confirm
% Potency	: 99.48 %		

Additional Information

Long Term Storage : Store at 2-8 deg. C for long term storage

Shipping Condition : Product is stable to be Shipped at Room Temperature

% Potency = [100 - 0.01(Weight Loss By TGA)] x [99.49(HPLC Purity)]/100 = 99.48 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Parag Patel		21/04/2025
Reviewed & Approved By	Quality Control	Jatin Patel		21/04/2025

Attachments : COA, HPLC, MASS, 1HNMR, IR and TGA