CERTIFICATE OF ANALYSIS

(Certificate No. KMC068001-01)

Release Date: 14/03/2026 **Re-test Date:** 13/03/2029

Carbimazole Standard

Identification

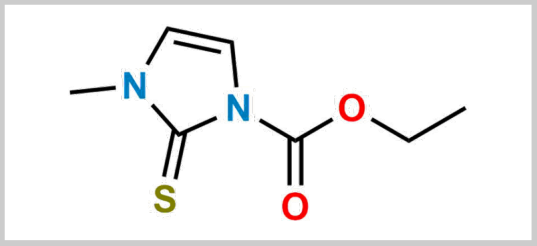
Chemical Name :
Ethyl 3-methyl-2-thioxo-2,3-dihydro-1H-imidazole-1-carboxylate (as per EP)

CAT No. : KMC068001

CAS No. : 22232-54-8

Molecular Formula : C7H10N2O2S

Molecular Weight : 186.2



Analytical Information

Batch No.	: C068001-114-210	**Solubility**	: ACN
Description	: White Solid	**Mass**	: Confirm
HPLC Purity	: 99.96 %	**IR**	: Confirm
Weight Loss By TGA	: 0.42 %	**1H NMR**	: Confirm
% Potency	: 99.54 %		

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 - 0.42(Weight Loss By TGA)] x [99.96(HPLC Purity)]/100 = 99.54 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		14/03/2026
Reviewed & Approved By	Quality Control	Jatin Patel		14/03/2026

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