CERTIFICATE OF ANALYSIS

(Certificate No. KMM061005-02)

Release Date: 17/11/2026 **Re-test Date:** 16/11/2029

Meloxicam Standard

Identification

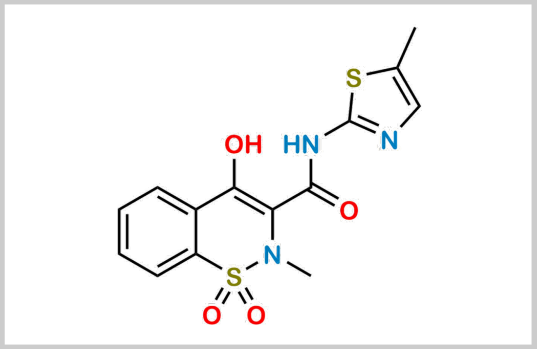
Chemical Name :
4-hydroxy-2-methyl-N-(5-methylthiazol-2-yl)-2H-benzo[e][1,2]thiazine-3-carboxamide 1,1-dioxide

CAT No. : KMM061005

CAS No. : 71125-38-7

Molecular Formula : C14H13N3O4S2

Molecular Weight : 351.4



Analytical Information

Batch No. : M061005-136-349

Description : Yellow Solid

HPLC Purity : 99.69 %

Weight Loss By TGA : 0.35 %

% Potency : 99.34 %

Solubility : Methanol : 0.1N NaOH

Mass : Confirm

IR : Confirm

1H NMR : Confirm

13C NMR : Confirm

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 - 0.35(Weight Loss By TGA)] x [99.69(HPLC Purity)]/100 = 99.34 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		17/11/2026
Reviewed & Approved By	Quality Control	Jatin Patel		17/11/2026

Attachments : COA, HPLC, MASS, 1HNMR, 13CNMR, IR and TGA