APEX HEALTHCARE LIMITED

KalChem INTERNATIONAL Compounding Chemicals You Can Trust

QUALITY CONTROL DEPARTMENT

CERTIFICATE OF ANALYSIS

Product	MELOXICAM	**Page No.**	01 of 01
Standard for Release	USP	**Drug Lic. No.**	G/25/1642

Batch No.:	MLAH0631125	**Batch Quantity**	461.150 Kg.
Mfg. Date:	NOV-2025	**Date of Sampling**	17/11/25
Exp. Date:	OCT-2030	**Date of Approval**	21/11/25
A.R. No.	FP/ML/100/25	**Dispatched Qty.**	100.000 Kg
C.A.S. No.	71125-38-7		

Sr. No.	Tests	Acceptance Criteria	Test Result
1.	**Description**	Pale yellow powder.	Pale yellow powder.
2.	**Solubility**	Soluble in dimethylformamide; slightly soluble in Acetone; very slightly soluble in Methanol & alcohol; Practically insoluble in water.	Complies
3.	**Identification**	**A. (By IR):** The infrared absorption spectrum of Meloxicam is concordant with the reference spectrum. **B. (By HPLC):** The Retention time of the Meloxicam peak of the sample solution corresponds to that of the standard solution as obtained in the assay.	Complies Complies
4.	**Organic Impurities (Procedure - 2)**	Meloxicam Related Compound B (at 260 nm): NMT 0.1 % Meloxicam Related Compound C (at 350 nm): NMT 0.1 % Individual Unknown Impurity (260/350 nm): NMT 0.1 % Total impurities: NMT 0.3 %	ND ND 0.003 % 0.003 %
5.	**Loss on Drying (At 105 for 4 hrs.)**	Not more than 0.5 %	0.18 %
6.	**Residue on Ignition**	Not more than 0.1 %	0.03 %
7.	**Assay (By HPLC)**	Between 98.0 % to 102.0 % (On the dried basis)	100.04 %
8.	**Residual Solvent (By HS-GC)**	O-Xylene: NMT 2170 ppm Isopropyl Alcohol: NMT 5000 ppm Benzene: NMT 2 ppm Methanol: NMT 3000 ppm DMF: NMT 880 ppm	9 ppm ND ND 21 ppm ND

Remarks: The Product Complies with respects to above tests and Prescribed Standard Specification as per USP 2025.

Name	Mrs. Mitali Patel	Mr. Manoj Salunke	Mr. Samir Mehta
Designation-Dept.	Officer - QC	Executive - QC	Manager-QC
Sign. /Date	21/11/25	21/11/25	21/11/25
	Prepared by	**Reviewed by**	**Approved by**

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