

CERTIFICATE OF ANALYSIS

(Certificate No. KMK001001-01)

Release Date: 20/02/2024

Re-test Date: 19/02/2027

Ketorolac EP Impurity H

Identification

Chemical Name :
methyl 5-benzoyl-2,3-dihydro-1H-pyrrolizine-1-carboxylate

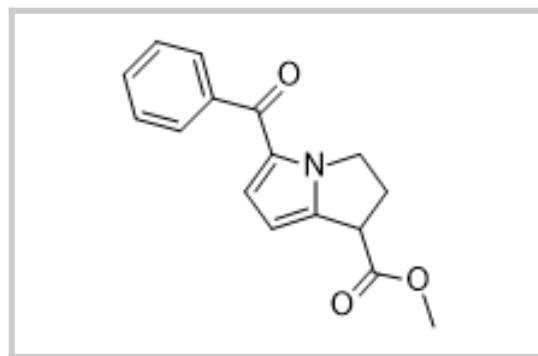
Alt. Name : Ketorolac Methyl Ester

CAT No. : KMK001001

CAS No. : 80965-09-9

Molecular Formula : C₁₆H₁₅NO₃

Molecular Weight : 269.30



Analytical Information

Batch No. : KET-EPH-073-078

Solubility : ACN

Description : Light Orange Solid

Mass : Confirm

HPLC Purity : 99.75 %

IR : Confirm

Weight Loss By TGA : 0.29 %

¹H NMR : Confirm

% Potency : 99.46 %

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 - 0.29(Weight Loss By TGA)] x [99.75(HPLC Purity)]/100 = 99.46 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Parag Patel		20/02/2024
Reviewed & Approved By	Quality Control	Jatin Patel		20/02/2024

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