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

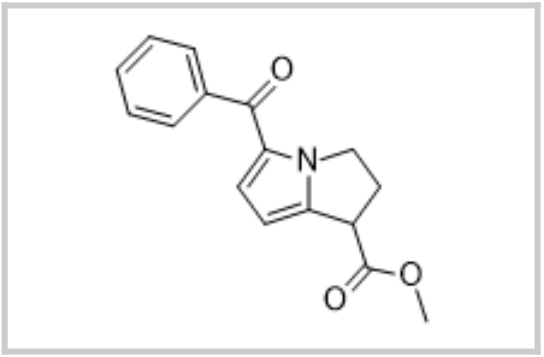
Alt. Name : Ketorolac Methyl Ester

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