CERTIFICATE OF ANALYSIS

(Certificate No. KMK001002-01)

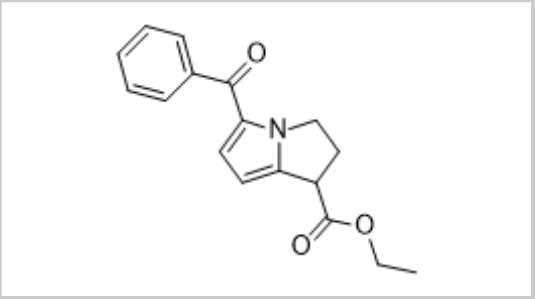
Release Date: 20/02/2024 **Re-test Date:** 19/02/2027

Ketorolac EP Impurity J

Identification

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

Alt. Name	: ethyl 5-benzoyl-2,3-dihydro-1H-pyrrolizine-1-carboxylate
CAT No.	: KMK001002
CAS No.	: 108061-03-6
Molecular Formula	: C17H17NO3
Molecular Weight	: 283.32



Analytical Information

Batch No.	: KET-EPJ-073-079	**Solubility**	: ACN
Description	: Off White Solid	**Mass**	: Confirm
HPLC Purity	: 98.51 %	**IR**	: Confirm
Weight Loss By TGA	: 0.05 %	**1H NMR**	: Confirm
% Potency	: 98.46 %		

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 - 0.05(Weight Loss By TGA)] x [98.51(HPLC Purity)]/100 = 98.46 %

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