

CERTIFICATE OF ANALYSIS

(Certificate No. KMI005004-01)

Release Date: 08/01/2025

Re-test Date: 07/01/2028

ISOPROTERENOL IMPURITY A

Identification

Chemical Name :
1-(3,4-Dihydroxyphenyl)-2-[(1-methylethyl)amino]ethanone

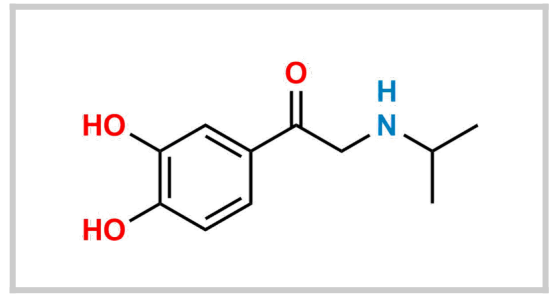
Alt. Name : Indomethacin EP Impurity A

CAT No. : KMI005004

CAS No. : 121-28-8

Molecular Formula : C₁₁H₁₅NO₃

Molecular Weight : 209.2



Analytical Information

Batch No. : I005004-091-126

Description : Light Brown Solid

HPLC Purity : 97.19 %

Weight Loss By TGA : 0.48 %

% Potency : 96.72 %

Solubility : Water

Mass : Confirm

IR : Confirm

¹H 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 - 0.48(Weight Loss By TGA)] x [97.19(HPLC Purity)]/100 = 96.72 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		22/01/2025
Reviewed & Approved By	Quality Control	Jatin Patel		22/01/2025

Attachments : COA, HPLC, MASS, ¹H NMR, IR and TGA