

CERTIFICATE OF ANALYSIS

(Certificate No. KMD009060-01)

Release Date: 20/08/2025

Re-test Date: 19/08/2028

Diclofenac Sodium

Identification

Chemical Name :

Sodium 2-[(2,6-dichlorophenyl)amino]phenyl]acetate ;

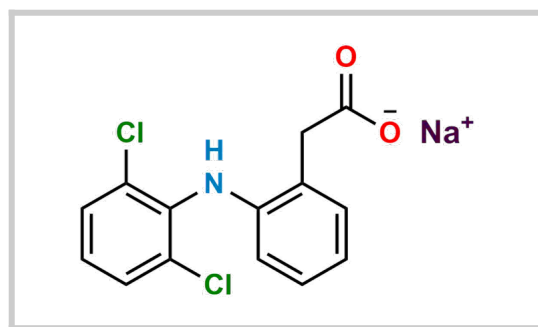
Alt. Name : Diclofenac Sodium ; Aceclofenac EP
Impurity A

CAT No. : KMD009060

CAS No. : 15307-79-6

Molecular Formula : C₁₄H₁₀Cl₂NO₂ : Na

Molecular Weight : 295.1 : 23.0



Analytical Information

Batch No. : D009060-102-218

Description : White Solid

HPLC Purity : 99.85 %

Weight Loss By TGA : 0.84 %

% Potency : 99.01 %

Solubility : Acetonitrile

Mass : Confirm as Na
adduct

IR : Confirm

¹H NMR : Confirm

¹³C 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 - 0.84(Weight Loss By TGA)] x [99.85(HPLC Purity)]/100 = 99.01 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Bhargav Kathiriya		25/08/2025
Reviewed & Approved By	Quality Control	Viraj Akabri		25/08/2025

Attachments : COA, HPLC, MASS, ¹HNMR, ¹³CNMR IR and TGA