

CERTIFICATE OF ANALYSIS

(Certificate No. KMA018014-01)

Release Date: 15/06/2026

Re-test Date: 14/06/2029

Atenolol EP Impurity F

Identification

Chemical Name :

2,2'-[[[(Propan-2-yl)azanediy]bis[(2-hydroxypropane-3,1-diyl)oxy-4,1-phenylene]]diacetamide (as per EP) ;
2,2'-[[(Isopropylazanediy]bis(2-hydroxypropane-3,1-diyl)]bis(oxy)}bis(4,1-phenylene)]diacetamide (as per USP)

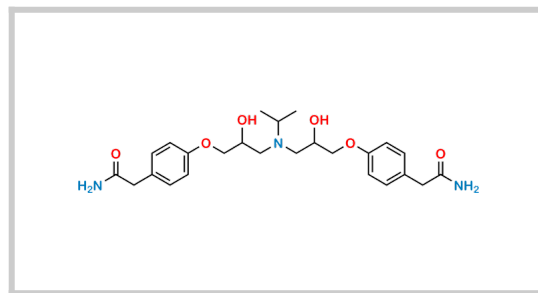
Alt. Name : Atenolol USP Related Compound F

CAT No. : KMA018014

CAS No. : 87619-83-8

Molecular Formula : C₂₅H₃₅N₃O₆

Molecular Weight : 473.6



Analytical Information

Batch No. : A018014-136-017

Description : White Solid

HPLC Purity : 96.75 %

Weight Loss By TGA : 1.99 %

% Potency : 94.82 %

Solubility : ACN : Water (1:1)

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 - 1.99(Weight Loss By TGA)] x [96.75(HPLC Purity)]/100 = 94.82 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		15/06/2026
Reviewed & Approved By	Quality Control	Jatin Patel		15/06/2026

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