

CERTIFICATE OF ANALYSIS

(Certificate No. KMP002018-01)

Release Date: 29/10/2024

Re-test Date: 28/10/2027

Propranolol Hydrochloride Impurity A

Identification

Chemical Name :

3-(naphthalen-1-yloxy)propane-1,2-diol

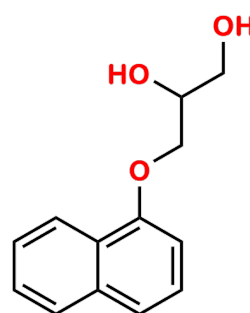
Alt. Name : Propranolol USP Related Compound A

CAT No. : KMP002018

CAS No. : 36112-95-5

Molecular Formula : C₁₃H₁₄O₃

Molecular Weight : 218.2



Analytical Information

Batch No. : P002018-091-017

Solubility : Acetonitrile

Description : Off White Solid

Mass : Confirm

HPLC Purity : 95.36 %

IR : Confirm

Weight Loss By TGA : 0.83 %

¹H NMR : Confirm

% Potency : 94.57 %

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 - 0.83(Weight Loss By TGA)] x [95.36(HPLC Purity)]/100 = 94.57 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		04/03/2025
Reviewed & Approved By	Quality Control	Ravi Patel		04/03/2025

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