

CERTIFICATE OF ANALYSIS

(Certificate No. KMM011022-01)

Release Date: 27/12/2024

Re-test Date: 26/12/2027

Meclizine Related Compound A

Identification

Chemical Name :
4-Chlorobenzhydrol (as per USP)

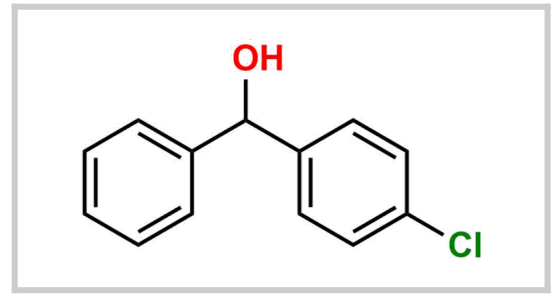
Alt. Name : Meclizine Impurity B

CAT No. : KMM011022

CAS No. : 119-56-2

Molecular Formula : C₁₃H₁₁ClO

Molecular Weight : 218.7



Analytical Information

Batch No. : MEC-RC-A-030-226

Description : Off White Solid

HPLC Purity : 99.63 %

Weight Loss By TGA : 0.20 %

% Potency : 99.43 %

Solubility : Acetonitrile

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 - 0.20(Weight Loss By TGA)] x [99.63(HPLC Purity)]/100 = 99.43 %

-Re-tested on 27.12.2024

Recommendation : Released

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

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