

# **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)

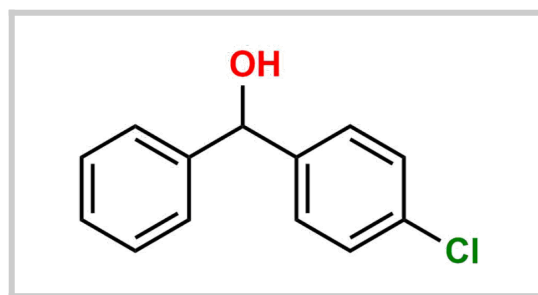
**Alt. Name** : Meclizine Impurity B

**CAT No.** : KMM011022

**CAS No.** : 119-56-2

**Molecular Formula** : C<sub>13</sub>H<sub>11</sub>ClO

**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

**<sup>1</sup>H 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, <sup>1</sup>HNMR, IR and TGA