

# **CERTIFICATE OF ANALYSIS**

(Certificate No. KMP008022-02)

**Release Date:** 28/01/2026

**Re-test Date:** 27/01/2029

## **Phenylephrine Hydrochloride USP<sup>RS</sup>**

### **Identification**

#### **Chemical Name :**

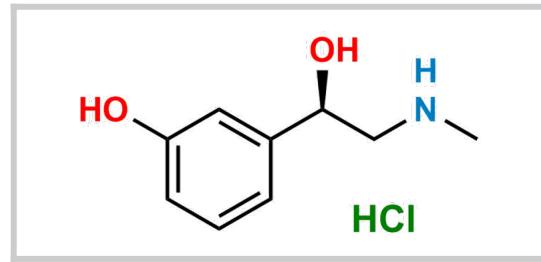
( $\alpha$ R)-3-Hydroxy- $\alpha$ -[(methylamino)methyl]benzenemethanol Hydrochloride; (-)-m-Hydroxy- $\alpha$ -[(methylamino)methyl]benzyl Alcohol Hydrochloride; Isophrin Hydrochloride; Levophenylephrine Hydrochloride; Lexatol; M-Sympatol; m-Sympatol

**CAT No.** : KMP008022

**CAS No.** : 61-76-7

**Molecular Formula** : C9H13NO2 : HCl

**Molecular Weight** : 167.2 : 36.5



### **Analytical Information**

**Batch No.** : P008022-114-122

**Solubility** : ACN

**Description** : White Solid

**Mass** : Confirm

**HPLC Purity** : 99.22 %

**IR** : Confirm

**Weight Loss By TGA** : 0.22 %

**1H NMR** : Confirm

**% Potency** : 99 %

**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 - 0.22(Weight Loss By TGA)] x [99.22(HPLC Purity)]/100 = 99 %

**Recommendation** : Released

	<b>Department</b>	<b>Name</b>	<b>Signature</b>	<b>Date</b>
<b>Prepared By</b>	Analytical	Jignesh Patel		30/01/2026
<b>Reviewed &amp; Approved By</b>	Quality Control	Jatin Patel		30/01/2026

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