

# CERTIFICATE OF ANALYSIS

(Certificate No. KMP008022-02)

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

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

## **Phenylephrine Hydrochloride USPRS**

### Identification

**Chemical Name :**

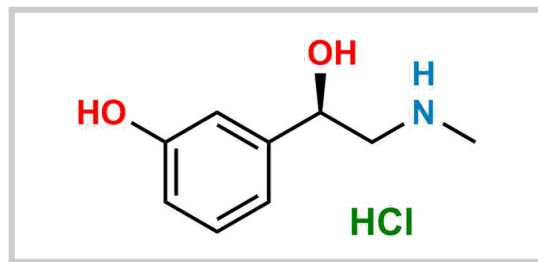
(αR)-3-Hydroxy-α-[(methylamino)methyl]benzenemethanol Hydrochloride; (-)-m-Hydroxy-α-[(methylamino)methyl]benzyl Alcohol Hydrochloride; Isophrin Hydrochloride; Levophenylephrine Hydrochloride; Lexatol; M-Sympatol; m-Sympatol

**CAT No.** : KMP008022

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

**Molecular Formula** : C<sub>9</sub>H<sub>13</sub>NO<sub>2</sub> : HCl

**Molecular Weight** : 167.2 : 36.5



### Analytical Information

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

**Description** : White Solid

**HPLC Purity** : 99.22 %

**Weight Loss By TGA** : 0.22 %

**% Potency** : 99 %

**Solubility** : ACN

**Mass** : Confirm

**IR** : Confirm

**<sup>1</sup>H NMR** : Confirm

**<sup>13</sup>C 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

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		30/01/2026
Reviewed & Approved By	Quality Control	Jatin Patel		30/01/2026

**Attachments** : COA, HPLC, MASS, <sup>1</sup>HNMR, <sup>13</sup>CNMR, IR and TGA