

# CERTIFICATE OF ANALYSIS

(Certificate No. KMP002001-01)

Release Date: 20/02/2024

Re-test Date: 19/02/2027

## Isopropranolol

### Identification

**Chemical Name :**

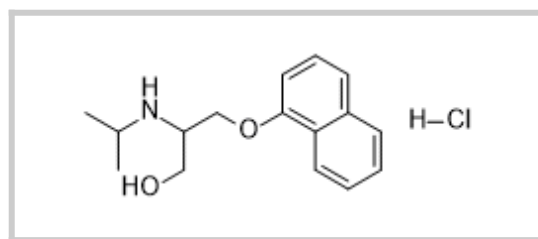
2-(isopropylamino)-3-(naphthalen-1-yloxy)propan-1-ol hydrochloride

CAT No. : KMP002001

CAS No. : 27827-18-5

Molecular Formula : C<sub>16</sub>H<sub>21</sub>NO<sub>2</sub> : HCl

Molecular Weight : 259.34 : 36.5



### Analytical Information

Batch No. : PRO-ISO-073-089

Description : Off White Solid

HPLC Purity : 95.32 %

Weight Loss By TGA : 0.16 %

% Potency : 95.17 %

**Solubility** : ACN : WATER (5 : 5)

**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 - 0.16(Weight Loss By TGA)] x [95.32(HPLC Purity)]/100 = 95.17 %

**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