## **CERTIFICATE OF ANALYSIS**

(Certificate No. KME006019-01)

**Release Date:** 10/10/2025 **Re-test Date:** 09/10/2028

# **Esmolol Isopropyl Amide Analog**

### **Identification**

#### **Chemical Name:**

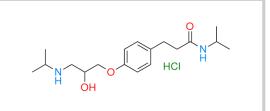
4-[2-Hydroxy-3-[(1-methylethyl)amino]propoxy]-N-(1-methylethyl)-benzenepropanamide hydrochloride

**CAT No.** : KME006019

**CAS No.** : Not Available

Molecular Formula : C18H30N2O3 : HCl

**Molecular Weight** : 322.44 : 36.5



## **Analytical Information**

Batch No.	: ESM-AMIDE-019-199	Solubility	: Methanol
Description	: White Solid	Mass	: Confirm
<b>HPLC Purity</b>	: 96.33 %	IR	: Confirm
Weight Loss By TGA	: 1.00 %	1H NMR	: Confirm
Residue On Ignition	: 3.32 %	13C NMR	: Confirm
% Potency	: 92.17 %	% Potency of	: 82.80 %

base

## **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 - 3.32(Residue On Ignition)] x [96.33(HPLC Purity)]/100 = 92.17 %

-Re-tested on 10.10.2025

-ROI added on 11.11.2025.

-% Potency of base=MW of Base/MW of salt x % Potency of Salt

**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		19/11/2025
Reviewed & Approved By	Quality Control	Jatin Patel		19/11/2025

Attachments : COA, HPLC, MASS, 1HNMR, 13C NMR, IR and TGA