

**Analysis Date:** 24-09-2025

**Re-test Date:** 24-09-2028

## **SALMETEROL IMPURITY 14**

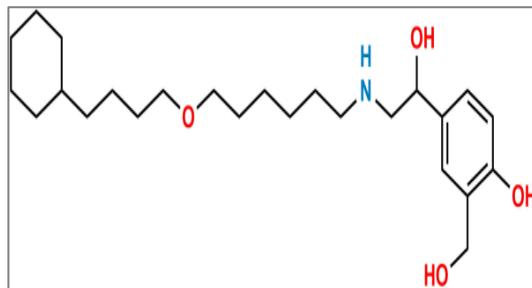
### **Identification**

**Chemical Name** : 4-(2-((6-(4-Cyclohexylbutoxy)hexyl)amino)-1-hydroxyethyl)-2-(hydroxymethyl)phenol

**CAT No** : ALL-SALM-27

**CAS No** : 1257338-56-9

**Molecular Formula** : C<sub>25</sub>H<sub>43</sub>NO<sub>4</sub>



**Molecular Weight** : 421.6

### **Analytical Information**

<b>Batch Code</b>	: ALL-SALM-27	<b>HPLC Purity</b> : 98.00%
<b>Solubility</b>	: USP Diluent / EP Diluent (MEOH)	<b>Potency</b> : 95.87%
<b>Appearance of Product</b>	: Off White Solid	<b>Mass</b> : Confirm
<b>Long Term Storage</b>	: -20°C	<b>IR Analysis</b> : Confirm
<b>Weight Loss By TGA</b>	: 1.145%	<b>1HNMR</b> : Confirm
<b>Residue Of Ignition</b>	: 1.025%	

### **Additional Information**

$$\% \text{Potency} = [100 - (\text{Weight Loss By TGA \%} + \text{Residue Of Ignition \%}) \times \text{Chromatographic Purity\%}] / 100 =$$

$$[100 - (1.145 + 1.025) \times 98.00] / 100 = 95.87\%$$

**Recommendation** : Released

Department	Name	Signature
Prepared and Reviewed by	Mr. Vipul khadase Jr. Executive	
Approved By	Dr. Ashish Keche Director QA&QC	

**Attachment** : HPLC, Mass, 1H NMR, IR, TGA

**Shipping Condition** : All Product are stable to be shipped at room temperature, unless otherwise specified

### **Corporate Office**

Allmpus Laboratories Pvt Ltd 38, Solitaire Industrial Estate, Plot No.TS-1, Near Nandi Palace Hotel, MIDC-Phase 1, Dombivli (E), Mumbai, Maharashtra 421203