

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

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

## **SALMETEROL IMPURITY 5**

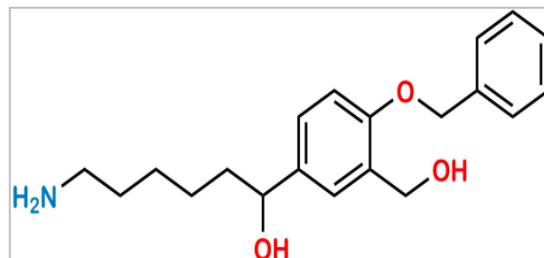
### **Identification**

**Chemical Name** : [6-Amino-1-(4-(benzyloxy)-3-(hydroxymethyl)phenyl)hexan-1-ol]

**CAT No** : ALL-SALM-18

**CAS No** : N.A.

**Molecular Formula** : C<sub>20</sub>H<sub>27</sub>NO<sub>3</sub>



**Molecular Weight** : 329.4

### **Analytical Information**

<b>Batch Code</b>	: ALL-SALM-18	<b>HPLC Purity</b> : 98.00%
<b>Solubility</b>	: MeOH: ACN	<b>Potency</b> : 96.58%
<b>Appearance of Product</b>	: Off White Solid	<b>Mass</b> : Confirm
<b>Long Term Storage</b>	: 2-8 0C	<b>IR Analysis</b> : Confirm
<b>Weight Loss By TGA</b>	: 0.223 %	<b>1HNMR</b> : Confirm
<b>Residue Of Ignition</b>	: 1.214 %	

### **Additional Information**

$$\begin{aligned} \text{\%Potency} &= [100\% - (\text{Weight Loss By TGA \%} + \text{Residue Of Ignition \%}) \times \text{Chromatographic Purity\%}] / 100 = \\ &[100 - (0.223 + 1.214) \times 98.00] / 100 = 96.58\% \end{aligned}$$

**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**

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