

Analysis Date: 24-09-2025

Re-test Date: 24-09-2028

## SALMETEROL IMPURITY 5

### Identification

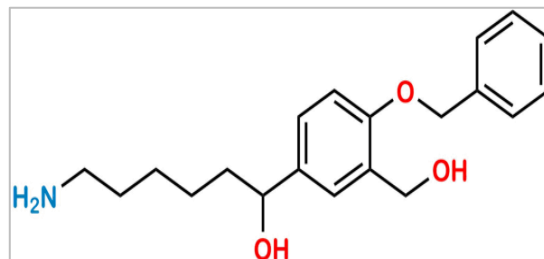
**Chemical Name** : [6-Amino-1-(4-(benzyloxy)-3-(hydroxymethyl)phenyl)hexan-1-ol]

**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

**%Potency** = [100 %-( Weight Loss By TGA % + Residue Of Ignition %) × Chromatographic Purity%]/100 =  
[100 – (0.223+1.214) × 98.00]/100 = 96.58%

**Recommendation** : Released

	Department	Name	Signature
Prepared and Reviewed by	Analytical	Mr.Vipul khadase Jr. Executive	
Approved By	QA&QC	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