

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

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

## **SALMETEROL IMPURITY 24**

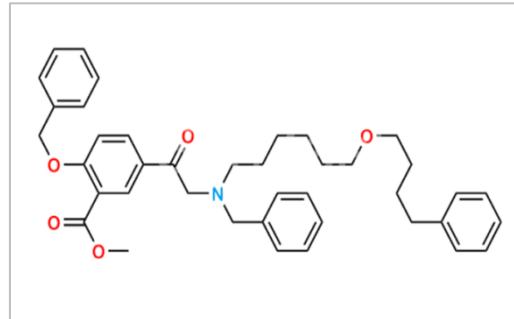
### **Identification**

**Chemical Name** : Methyl 5-(N-benzyl-N-(6-(4-phenylbutoxy)hexyl)glycyl)-2-(benzyloxy)benzoate

**CAT No** : ALL-SALM-17

**CAS No** : N.A.

**Molecular Formula** : C40H47NO5



**Molecular Weight** : 621.8

### **Analytical Information**

<b>Batch Code</b>	: ALL-SALM-17	<b>HPLC Purity</b>	: 98.00%
<b>Solubility</b>	: USP Diluent / EP Diluent (MEOH)	<b>Potency</b>	: 97.26%
<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>	: 0.275%	<b>1HNMR</b>	: Confirm
<b>Residue Of Ignition</b>	: 0.476%		

### **Additional Information**

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

$$[100 - (0.275+0.476) \times 98.00]/100 = 97.26\%$$

**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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