

**Analysis Date:** 22-09-2025

**Re-test Date:** 22-09-2028

## **SALMETEROL EP IMPURITY F**

### **Identification**

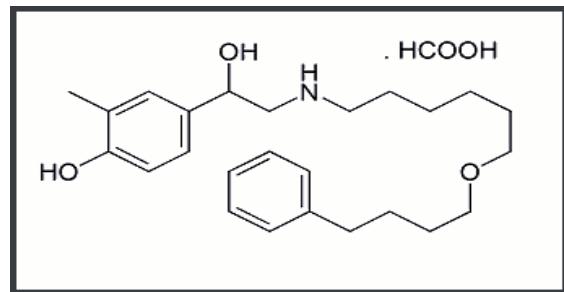
**Chemical Name** : 1-(4-Hydroxy-3-methylphenyl)-2-[[6-(4-phenylbutoxy)hexyl]amino]ethanol formate

**CAT No** : ALL-SALM-6

**CAS No** : 1391054-40-2 (Base)

**Molecular Formula** : C<sub>26</sub>H<sub>39</sub>NO<sub>5</sub>

**Molecular Weight** : 445.59



### **Analytical Information**

<b>Batch Code</b>	: ALL-SALM-6	<b>HPLC Purity</b> : 98.00%
<b>Solubility</b>	: USP Diluent / EP Diluent (MEOH)	<b>Potency</b> : 95.71%
<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>	: 1.354%	<b>1HNMR</b> : Confirm
<b>Residue Of Ignition</b>	: 0.974%	

### **Additional Information**

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

$$[100 - (1.354+0.974) \times 98.00]/100 = 95.71\%$$

**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