

Analysis Date: 23-09-2025

Re-test Date: 23-09-2028

SALMETEROL EP IMPURITY C

Identification

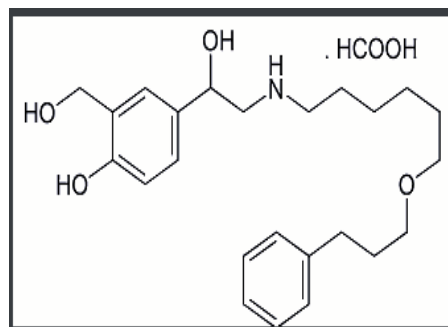
Chemical Name : 1-[4-Hydroxy-3-(hydroxymethyl)phenyl]-2-[[6-(3-phenylpropoxy)hexyl]amino] ethanol formate

CAT No : ALL-SALM-3

CAS No : 94749-11-8 (Base)

Molecular Formula : C₂₅H₃₇NO₆ (Formate)

Molecular Weight : 447.56 (Formate)



Analytical Information

Batch Code	: ALL-SALM-3	HPLC Purity	: 98.00%
Solubility	: USP Diluent / EP Diluent (MEOH)	Potency	: 95.87%
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: -20°C	IR Analysis	: Confirm
Weight Loss By TGA	: 1.145%	¹H NMR	: Confirm
Residue Of Ignition	: 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	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

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