

Analysis Date: 24-09-2025

Re-test Date: 24-09-2028

SALMETEROL IMPURITY 14

Identification

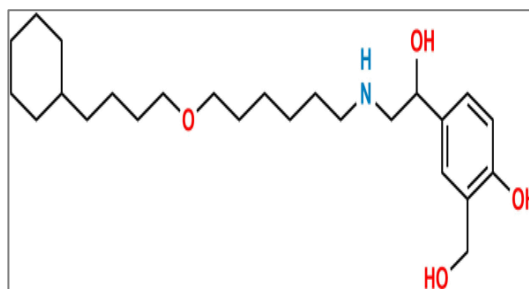
Chemical Name : 4-(2-(((6-(4-Cyclohexylbutoxy)hexyl)amino)-1-hydroxyethyl)-2-(hydroxymethyl)phenol

CAT No : ALL-SALM-27

CAS No : 1257338-56-9

Molecular Formula : C₂₅H₄₃NO₄

Molecular Weight : 421.6



Analytical Information

Batch Code	: ALL-SALM-27	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%	1HNMR	: 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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