

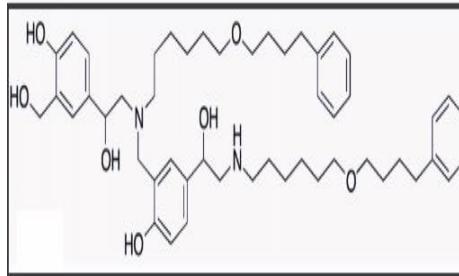
Analysis Date: 23-09-2025

Re-test Date: 23-09-2028

SALMETEROL EP IMPURITY G

Identification

Chemical Name	: 1-[4-hydroxy-3-[[[2-hydroxy-2-[4-hydroxy-3-(hydroxymethyl)phenyl]ethyl] [6-(4-phenylbutoxy)hexyl]amino]methyl]phenyl]-2-[[6-(4-phenylbutoxy)hexyl]amino]ethanol
CAT No	: ALL-SALM-7
CAS No	: 1391051-88-9
Molecular Formula	: C ₅₀ H ₇₂ N ₂ O ₇
Molecular Weight	: 813.12



Analytical Information

Batch Code	: ALL-SALM-7	HPLC Purity	: 98.00%
Solubility	: USP Diluent / EP Diluent (MEOH)	Potency	: 97.26%
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: -20°C	IR Analysis	: Confirm
Weight Loss By TGA	: 0.275%	1HNMR	: Confirm
Residue Of Ignition	: 0.476%		

Additional Information

$$\begin{aligned} \text{\%Potency} &= [100 - (\text{Weight Loss By TGA \%} + \text{Residue Of Ignition \%}) \times \text{Chromatographic Purity\%}] / 100 = \\ &[100 - (0.275+0.476) \times 98.00] / 100 = 97.26\% \end{aligned}$$

Recommendation : Released

Prepared and Reviewed by	Department	Name	Signature
	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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