

Analysis Date: 24-09-2025

Re-test Date: 24-09-2028

SALMETEROL IMPURITY 10

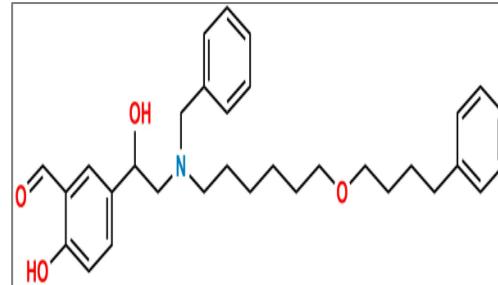
Identification

Chemical Name : 5-(2-(Benzyl(6-(4-phenylbutoxy)hexyl)amino)-1-hydroxyethyl)-2-hydroxybenzaldehyde

CAT No : ALL-SALM-25

CAS No : N.A.

Molecular Formula : C₃₂H₄₁NO₄



Molecular Weight : 503.7

Analytical Information

Batch Code	: ALL-SALM-25	HPLC Purity	: 98.00%
Solubility	: MeOH: ACN	Potency	: 96.58%
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: 2-8 0C	IR Analysis	: Confirm
Weight Loss By TGA	: 0.223 %	1HNMR	: Confirm
Residue Of Ignition	: 1.214 %		

Additional Information

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

$$[100 - (0.223+1.214) \times 98.00]/100 = 96.58\%$$

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