

Analysis Date: 24-09-2025

Re-test Date: 24-09-2028

SALMETEROL IMPURITY 13

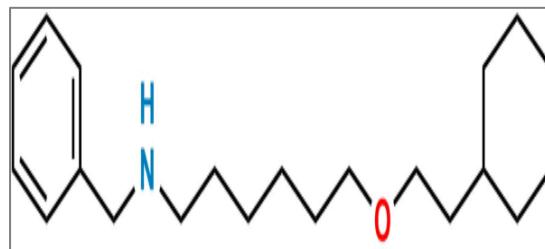
Identification

Chemical Name : N-benzyl-6-(2-cyclohexylethoxy)hexan-1-amine

CAT No : ALL-SALM-26

CAS No : 134151-86-3

Molecular Formula : C₂₁H₃₅NO



Molecular Weight : 317.5

Analytical Information

Batch Number	: ALL-SALM-26	HPLC Purity : 98.00%
Solubility	: MeOH: ACN	Potency : 95.71 %
Appearance of Product	: Off White Solid	Mass : Confirm
Long Term Storage	: 2-8 0C	IR Analysis : Confirm
Weight Loss By TGA	: 1.483 %	1HNMR : Confirm
Residue Of Ignition	: 0.849 %	

Additional Information

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

$$[100 - (1.483+0.849) \times 98.00]/100 = 95.71\%$$

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

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