

Analysis Date: 24-09-2025

Re-test Date: 24-09-2028

SALMETEROL IMPURITY 12

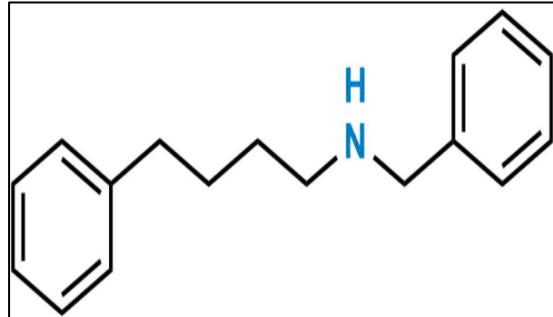
Identification

Chemical Name : N-benzyl-4-phenylbutan-1-amine

CAT No : ALL-SALM-12

CAS No : 129951-06-0

Molecular Formula : C17H21N

Molecular Weight : 239.4


Analytical Information

Batch Number	: ALL-SALM-12	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

$$\% \text{Potency} = [100 - (\text{Weight Loss By TGA \%} + \text{Residue Of Ignition \%}) \times \text{Chromatographic Purity\%}] / 100 =$$

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

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

Allmpus Laboratories Pvt Ltd 38, Solitaire Industrial Estate, Plot No.TS-1, Near Nandi Palace Hotel, MIDC-Phase 1, Dombivli (E), Mumbai, Maharashtra 421203