

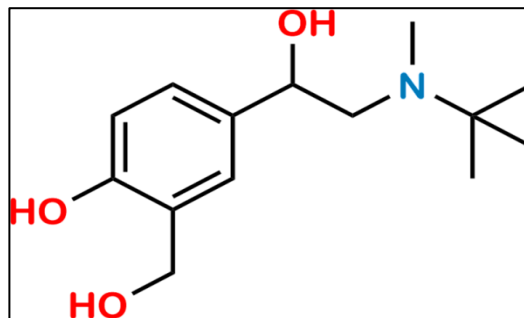
Analysis Date: 19-09-2025

Re-test Date: 19-09-2028

SALBUTAMOL IMPURITY 1

Identification

Chemical Name	: 4-(2-(Tert-butyl(methyl)amino)-1-hydroxyethyl)-2-(hydroxymethyl)phenol
CAT No	: ALL-A08183
CAS No	: N.A.
Molecular Formula	: C ₁₄ H ₂₃ NO ₃
Molecular Weight	: 253.3



Analytical Information

Batch Code	: ALL-A08183	HPLC Purity	: 98.00%
Solubility	: MeOH: ACN	Potency	: 97.25%
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: 2-8 °C	IR Analysis	: Confirm
Weight Content By TGA	: 0.449%	¹H NMR	: Confirm
Residue Of Ignition	: 0.344%		

Additional Information

$$\% \text{Potency} = [100 - (\text{Inorganic Impurities \%} + \text{Residue Of Ignition \%}) \times \text{Chromatographic Purity\%}] / 100 =$$

$$[100 - (0.449 + 0.344 \times 98.00)] / 100 = 97.25\%$$

Recommendation : Released

	Department	Name	Signature
Prepared and Reviewed by	Analytical	Mr. Vipul Khadse 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