

Analysis Date: 24-05-2025

Re-test Date: 24-05-2028

SALBUTAMOL IMPURITY 1

Identification

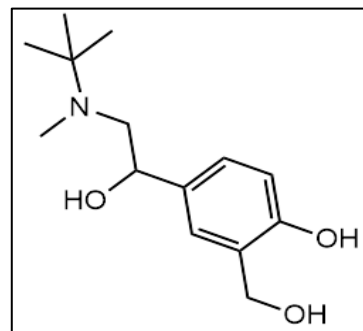
Chemical Name : 4-(2-(Tert-butyl(methyl)amino)-1-hydroxyethyl)-2-(hydroxymethyl)phenol

CAT No : ALL-A08183

CAS No : N.A.

Molecular Formula : C₁₄H₂₃NO₃

Molecular Weight : 253.3



Analytical Information

Batch Code : ALL-A08183

HPLC Purity : 98.03%

Solubility : MeOH: ACN

Potency : 96.90%

Appearance of Product : Off White Solid

Mass : Confirm

Long Term Storage : 2-8 °C

IR Analysis : Confirm

Weight Content By TGA : 0.481%

¹H NMR : Confirm

Residue Of Ignition : 0.671%

Additional Information

%Potency = [100 - (Inorganic Impurities % + Water %) × Chromatographic Purity%]/100 =

[100 - (0.481+0.671× 98.03)]/100 = 96.90%

Recommendation : Released

	Department	Name	Signature
Prepared and Reviewed by	Analytical	Mr. Vipul Khadse Jr. Executive	
Approved By	QA&QC	Dr. Ashish Keché 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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