

Analysis Date: 24-09-2025

Re-test Date: 24-09-2028

SALMETEROL IMPURITY 8

Identification

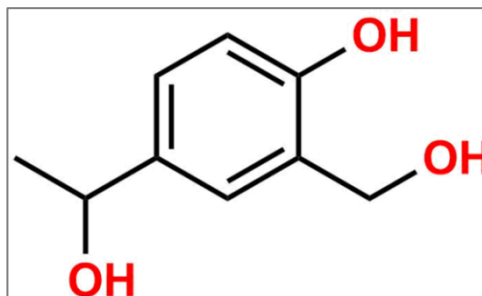
Chemical Name : 4-(1-Hydroxyethyl)-2-(hydroxymethyl)phenol

CAT No : ALL-SALM-38

CAS No : 141024-79-5

Molecular Formula : C₉H₁₂O₃

Molecular Weight : 168.2



Analytical Information

Batch Code	: ALL-SALM-38	HPLC Purity	: 98.00%
Solubility	: USP Diluent / EP Diluent (MEOH)	Potency	: 97.55%
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: -20°C	IR Analysis	: Confirm
Weight Loss By TGA	: 0.266%	¹ HNMR	: Confirm
Residue Of Ignition	: 0.187%		

Additional Information

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

$$[100 - (0.266 + 0.187) \times 98.00] / 100 = 97.55\%$$

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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