

Analysis Date: 23-05-2025

Re-test Date: 23-05-2028

SALBUTAMOL EP IMPURITY L HYDROCHLORIDE (SALBUTAMOL BP IMPURITY L)

Identification

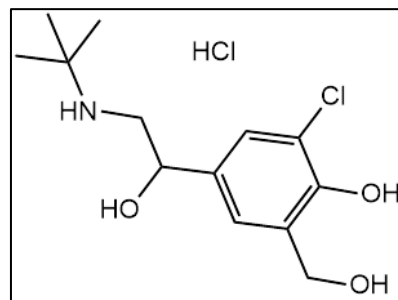
Chemical Name : (1RS)-2-[(1,1-Dimethylethyl)amino]-1-[3-chloro-4-hydroxy-5-(hydroxymethyl)phenyl]ethanol Hydrochloride (as per EP)

CAT No : ALL-A08169

CAS No : N.A.

Molecular Formula : C₁₃H₂₀ClNO₃ : HCl

Molecular Weight : 273.8 : 36.5



Analytical Information

Batch Code : ALL-A08169

HPLC Purity : 98.04%

Solubility : MeOH: ACN

Potency : 97.01%

Appearance of Product : Off White Solid

Mass : Confirm

Long Term Storage : 2-8 °C

IR Analysis : Confirm

Weight Content By TGA : 0.422%

¹H NMR : Confirm

Residue Of Ignition : 0.619%

Additional Information

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

[100 - (0.422+0.619× 98.04)]/100 = 97.01%

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

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