

Analysis Date: 23-05-2025

Re-test Date: 23-05-2028

SALBUTAMOL EP IMPURITY M (SALBUTAMOL BP IMPURITY M)

Identification

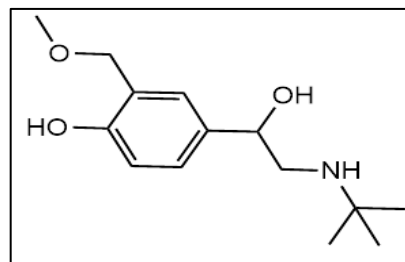
Chemical Name : (1RS)-2-[(1,1-Dimethylethyl)amino]-1-[4-hydroxy-3-(methoxymethyl)phenyl]ethanol (as per EP)

CAT No : ALL-A08170

CAS No : 18910-70-8

Molecular Formula : C₁₄H₂₃NO₃

Molecular Weight : 253.3



Analytical Information

Batch Code : ALL-A08170

HPLC Purity : 98.05%

Solubility : MeOH: ACN

Potency : 97.10%

Appearance of Product : Off White Solid

Mass : Confirm

Long Term Storage : 2-8 °C

IR Analysis : Confirm

Weight Content By TGA : 0.532%

¹H NMR : Confirm

Residue Of Ignition : 0.429%

Additional Information

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

[100 - (0.532+0.429 × 98.05)]/100 = 97.10%

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

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