

Analysis Date: 23-05-2025

Re-test Date: 23-05-2028

SALBUTAMOL EP IMPURITY K (SALBUTAMOL BP IMPURITY K)

Identification

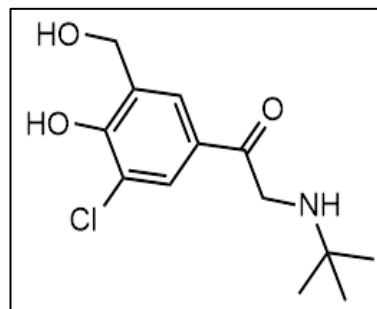
Chemical Name : 2-[(1,1-Dimethylethyl)amino]-1-[3-chloro-4-hydroxy-5-(hydroxymethyl)phenyl]ethanone (as per EP)

CAT No : ALL-A08177

CAS No : 898542-80-8

Molecular Formula : C₁₃H₁₈ClNO₃

Molecular Weight : 271.7



Analytical Information

Batch Code : ALL-A08177

HPLC Purity : 98.03%

Solubility : MeOH: ACN

Potency : 97.00%

Appearance of Product : Off White Solid

Mass : Confirm

Long Term Storage : 2-8 °C

IR Analysis : Confirm

Weight Content By TGA : 0.420%

¹H NMR : Confirm

Residue Of Ignition : 0.621%

Additional Information

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

[100 - (0.420+0.621× 98.03)]/100 = 97.00%

Recommendation : Released

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