

Analysis Date: 24-05-2025

Re-test Date: 24-05-2028

SALBUTAMOL GLYOXAL IMPURITY

Identification

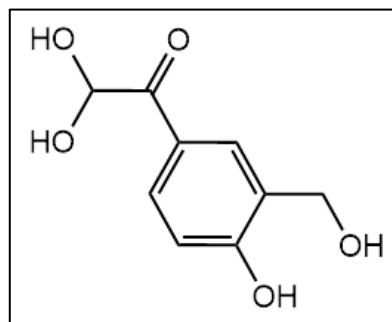
Chemical Name : 2,2-Dihydroxy-1-(4-hydroxy-3-(hydroxymethyl)phenyl)ethan-1-one

CAT No : ALL-A08182

CAS No : 72189-44-7

Molecular Formula : C₉H₁₀O₅

Molecular Weight : 198.2



Analytical Information

Batch Code : ALL-A08182

HPLC Purity : 98.09%

Solubility : MeOH: ACN

Potency : 97.54%

Appearance of Product : Off White Solid

Mass : Confirm

Long Term Storage : 2-8 °C

IR Analysis : Confirm

Weight Content By TGA : 0.233%

¹H NMR : Confirm

Residue Of Ignition : 0.318%

Additional Information

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

[100 - (0.230+0.328× 98.09)]/100 = 97.54%

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