

Analysis Date: 24-05-2025

Re-test Date: 24-05-2028

SALBUTAMOL IMPURITY 2

Identification

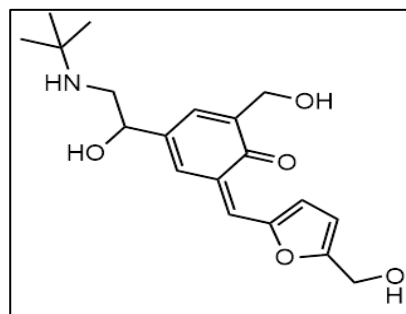
Chemical Name : (Z)-4-(2-(Tert-butylamino)-1-hydroxyethyl)-2-(hydroxymethyl)-6-((5-(hydroxymethyl)furan-2-yl)methylene)cyclohexa-2,4-dien-1-one

CAT No : ALL-A08184

CAS No : N.A.

Molecular Formula : C₁₉H₂₅NO₅

Molecular Weight : 347.4



Analytical Information

Batch Code	: ALL-A08184	HPLC Purity	: 98.06%
Solubility	: MeOH: ACN	Potency	: 96.88%
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: 2-8 °C	IR Analysis	: Confirm
Weight Content By TGA	: 0.572%	¹H NMR	: Confirm
Residue Of Ignition	: 0.630%		

Additional Information

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

[100 - (0.572+0.630× 98.06)]/100 = 96.88%

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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