Certificate Of Analysis

Analysis Date: 23-05-2025 **Re-test Date:** 23-05-2028

SALBUTAMOL EP IMPURITY D (SALBUTAMOL ALDEHYDE IMPURITY)

Identification

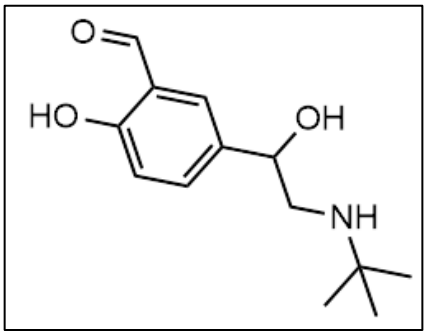
Chemical Name : 5-[(1RS)-2-[(1,1-Dimethylethyl)amino]-1-hydroxyethyl]-2-hydroxybenzaldehyde (as per EP)

CAT No : ALL-A08176

CAS No : 156339-88-7

Molecular Formula : C13H19NO3

Molecular Weight : 237.3



Analytical Information

Batch Code	: ALL-A08176	**HPLC Purity**	: 98.01%
Solubility	: MeOH: ACN	**Potency**	: 97.26%
Appearance of Product	: Off White Solid	**Mass**	: Confirm
Long Term Storage	: 2-8 ^{0}C	**IR Analysis**	: Confirm
Weight Content By TGA	: 0.422%	**1HNMR**	: Confirm
Residue Of Ignition	: 0.344%		

Additional Information

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

[100 – (0.422+0.344× 98.01]/100 = 97.25%

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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