CERTIFICATE OF ANALYSIS

(Certificate No. KMS009037-02)

Release Date: 12/10/2025 **Re-test Date:** 11/10/2028

Albuterol EP Impurity Q

Identification

Chemical Name:

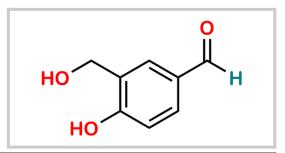
4-Hydroxy-3-(hydroxymethyl)benzaldehyde

CAT No. : KMS009037

CAS No. : 54030-32-9

Molecular Formula : C8H8O3

Molecular Weight : 152.1



Analytical Information

(1:1)

: Confirm

: Confirm

: Confirm

Description : White Solid

HPLC Purity : 99.88 %

Weight Loss By TGA : 0.97 %

% Potency : 98.91 %

Mass

IR

13C NMR : Confirm

Additional Information

Long Term Storage : Store at 2-8 deg. C for long term storage

Shipping Condition: Product is stable to be Shipped at Room Temperature

% Potency = [100 - 0.97(Weight Loss By TGA)] x [99.88(HPLC Purity)]/100 = 98.91 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		13/10/2025
Reviewed & Approved By	Quality Control	Jatin Patel		13/10/2025

Attachments : COA, HPLC, MASS, 1HNMR, 13CNMR IR and TGA