

CERTIFICATE OF ANALYSIS

(Certificate No. KMS009037-01)

Release Date: 29/07/2025

Re-test Date: 28/07/2028

Albuterol EP Impurity Q

Identification

Chemical Name :

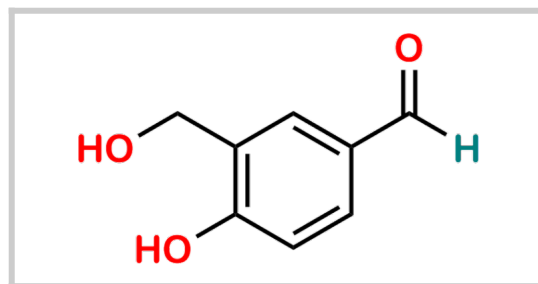
4-Hydroxy-3-(hydroxymethyl)benzaldehyde

CAT No. : KMS009037

CAS No. : 54030-32-9

Molecular Formula : C₈H₈O₃

Molecular Weight : 152.1



Analytical Information

Batch No. : S009037-102-173

Description : White Solid

HPLC Purity : 99.82 %

Weight Loss By TGA : 0.05 %

% Potency : 99.77 %

Solubility : Water

Mass : Confirm

IR : Confirm

¹H NMR : Confirm

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 - 0.05(Weight Loss By TGA)] x [99.82(HPLC Purity)]/100 = 99.77 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		29/07/2025
Reviewed & Approved By	Quality Control	Jatin Patel		29/07/2025

Attachments : COA, HPLC, MASS, ¹H NMR, ¹³C NMR, IR and TGA