

CERTIFICATE OF ANALYSIS

(Certificate No. KMD025011-01)

Release Date: 28/01/2026

Re-test Date: 27/01/2029

Diphenhydramine Hydrochlorid USPRS

Identification

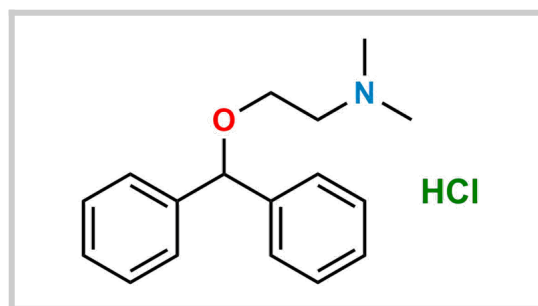
Chemical Name :
2-(Benzhydryloxy)-N,N-dimethylethan-1-amine hydrochloride

CAT No. : KMD025011

CAS No. : 147-24-0

Molecular Formula : C₁₇H₂₁NO : HCl

Molecular Weight : 255.4 : 36.5



Analytical Information

Batch No. : D025011-114-119

Description : White Solid

HPLC Purity : 99.61 %

Weight Loss By TGA : 0.02 %

% Potency : 99.59 %

Solubility : ACN

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 - 0.02(Weight Loss By TGA)] x [99.61(HPLC Purity)]/100 = 99.59 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		29/01/2026
Reviewed & Approved By	Quality Control	Jatin Patel		29/01/2026

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