CERTIFICATE OF ANALYSIS

(Certificate No. KMB105001-01)

Release Date: 15/02/2026 **Re-test Date:** 14/02/2029

Bromhexine HCL BPRS

Identification

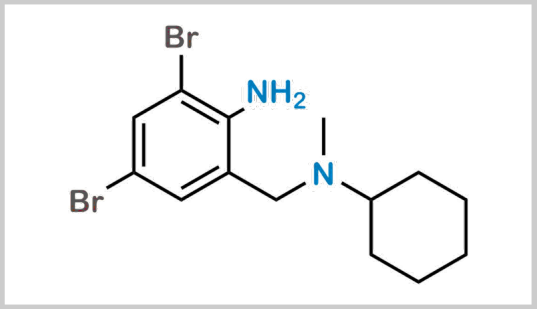
Chemical Name :
2,4-Dibromo-6-[[cyclohexyl(methyl)amino]methyl]aniline (as per EP)

CAT No. : KMB105001

CAS No. : 3572-43-8

Molecular Formula : C14H20Br2N2

Molecular Weight : 376.1



Analytical Information

Batch No.	: B105001-114-168	**Solubility**	: ACN : Water
Description	: White Solid	**Mass**	: Confirm
HPLC Purity	: 99.63 %	**IR**	: Confirm
Weight Loss By TGA	: 0.31 %	**1H NMR**	: Confirm
% Potency	: 99.32 %	**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 - 0.31(Weight Loss By TGA)] x [99.63(HPLC Purity)]/100 = 99.32 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		15/02/2026
Reviewed & Approved By	Quality Control	Jatin Patel		15/02/2026

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