

CERTIFICATE OF ANALYSIS

(Certificate No. KMC002013-01)

Release Date: 13/05/2023

Re-test Date: 12/05/2026

Decyl Aminoquat

Identification

Chemical Name :

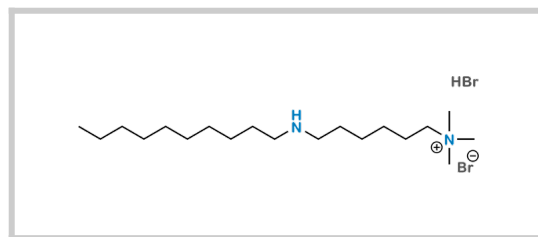
6-(Decylamino)-N,N,N-trimethylhexan-1-aminium bromide hydrobromide

CAT No. : KMC002013

CAS No. : 2247938-20-9

Molecular Formula : C₁₉H₄₃N₂ : Br : HBr

Molecular Weight : 299.6 : 79.9 : 80.9



Analytical Information

Batch No. : COL-DEAMI-045-134

Description : Off white Hygroscopic Solid

HPLC Purity : 96.61 %

Weight Loss By TGA : 0.60 %

% Potency : 96.03 %

Solubility : ACN : Water (1:1)

Mass : Confirm

IR : Confirm

¹H 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 - 0.60(Weight Loss By TGA)] x [96.61(HPLC Purity)]/100 = 96.03 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		30/05/2025
Reviewed & Approved By	Quality Control	Jatin Patel		30/05/2025

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