CERTIFICATE OF ANALYSIS

(Certificate No. KMC002013-01)

Release Date: 23/09/2025 **Re-test Date:** 22/09/2028

Decyl Aminoquat

Identification

Chemical Name:

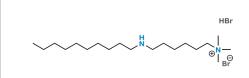
6-(Decylamino)-N,N,N-trimethylhexan-1-aminium bromide hydrobromide

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 **Solubility** : ACN : Water (1:1)

Description: Off white Hygroscopic SolidMass: ConfirmHPLC Purity: 95.21 %IR: ConfirmWeight Loss By TGA: 0.62 %1H NMR: Confirm

% Potency : 94.62 %

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 - 0.62(Weight Loss By TGA)] x [95.21(HPLC Purity)]/100 = 94.62 %

-Re-tested on 23.09.2025

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		24/09/2025
Reviewed & Approved By	Quality Control	Jatin Patel		24/09/2025

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