CERTIFICATE OF ANALYSIS

(Certificate No. KMC002016-01)

Release Date: 20/09/2025 **Re-test Date:** 19/09/2028

Dihexyl Aminoquat

Identification

Chemical Name:

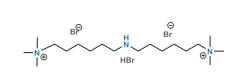
6.6'-Azanediylbis(N,N,N-trimethylhexan-1-aminium) bromide hydrobromide

CAT No. : KMC002016

CAS No. : 2170771-70-5

Molecular Formula : C18H43N3 : HBr : 2Br

Molecular Weight : 301.6 : 80.9 : 2(79.9)



Analytical Information

Batch No.: COL-DIH-045-108Solubility: WaterDescription: White Hygroscopic SolidMass: ConfirmHPLC Purity: 99.89 %IR: Confirm

ir : Commi

 $\textbf{Weight Loss By TGA} \hspace{0.5cm} : 1.87 \hspace{0.1cm}\% \hspace{1.5cm} \textbf{1H NMR} \hspace{0.5cm} : Confirm$

% Potency : 98.02 %

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 - 1.87(Weight Loss By TGA)] x [99.89(HPLC Purity)]/100 = 98.02 %

-Re-tested on 20.09.2025

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