

CERTIFICATE OF ANALYSIS

(Certificate No. KMC002008-01)

Release Date: 21/04/2023

Re-test Date: 20/04/2026

Aminoquat

Identification

Chemical Name :

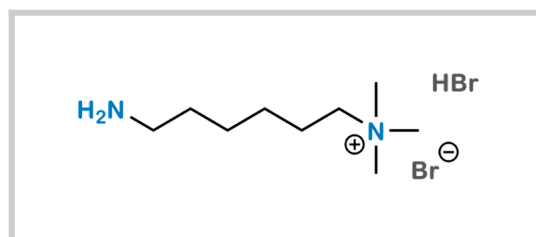
6-Amino-N,N,N-trimethylhexan-1-aminium bromide hydrobromide

CAT No. : KMC002008

CAS No. : 33968-67-1

Molecular Formula : C₉H₂₃N₂ : HBr : Br

Molecular Weight : 159.3 : 80.9 : 79.9



Analytical Information

Batch No. : COL-AMI-045-101

Description : Brown Hygroscopic Solid

HPLC Purity : 97.80 %

Weight Loss By TGA : 0.09 %

% Potency : 97.71 %

Solubility : Water

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 - 0.09(Weight Loss By TGA)] x [97.80(HPLC Purity)]/100 = 97.71 %

Remarks : COA Re-generated on 21.08.2024

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		21/08/2024
Reviewed & Approved By	Quality Control	Jatin Patel		21/08/2024

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