

CERTIFICATE OF ANALYSIS

(Certificate No. KMC002013-02)

Release Date: 16/06/2026

Re-test Date: 15/06/2029

DECYL AMINOQUAT

Identification

Chemical Name :

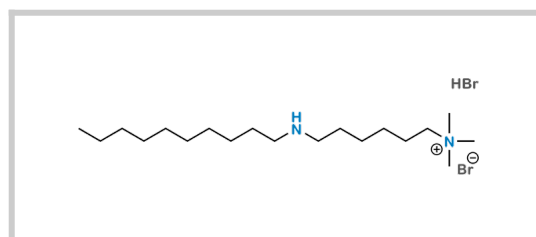
6-(Decylamino)-N,N,N-trimethylhexan-1-aminium bromide hydrobromide

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. : C002013-136-023

Description : Off White Hygroscopic Solid

HPLC Purity : 99.98 %

Weight Loss By TGA : 0.99 %

% Potency : 98.99 %

Solubility : Methanol

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 - 0.99(Weight Loss By TGA)] x [99.98(HPLC Purity)]/100 = 98.99 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		16/06/2026
Reviewed & Approved By	Quality Control	Jatin Patel		16/06/2026

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