

CERTIFICATE OF ANALYSIS

(Certificate No. KMC002001-01)

Release Date: 29/01/2024

Re-test Date: 28/01/2027

N-Nitroso Decyl Aminoquat

Identification

Chemical Name :

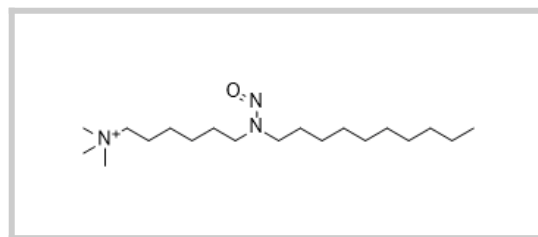
6-(decyl(nitroso)amino)-N,N,N-trimethylhexan-1-aminium

CAT No. : KMC002001

CAS No. : Not Available

Molecular Formula : C₁₉H₄₂N₃O

Molecular Weight : 328.56



Analytical Information

Batch No. : COL-DEA-NO-073-043

Solubility : Acetonitrile

Description : Light Yellow Thick Syrup

Mass : Confirm

HPLC Purity : 97.92 %

IR : Confirm

Weight Loss By TGA : 3.23 %

¹H NMR : Confirm

% Potency : 94.76 %

¹³C 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 - 3.23(Weight Loss By TGA)] x [97.92(HPLC Purity)]/100 = 94.76 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh patel		
Reviewed & Approved By	Quality Control	Jatin patel		

Attachments : COA, SER, HPLC, MASS, ¹HNMR, ¹³CNMR, IR and TGA