CERTIFICATE OF ANALYSIS

(Certificate No. KMC002022-01)

Release Date: 10/03/2026 **Re-test Date:** 09/03/2029

N- NITROSO-DIDECYLAMINE

Identification

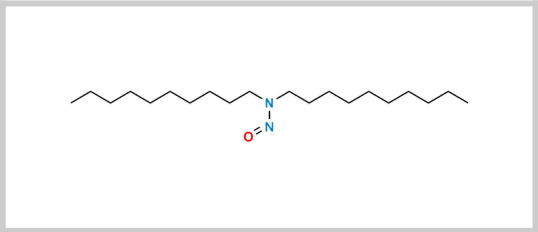
Chemical Name :
N,N-Didecylnitrous amide

CAT No. : KMC002022

CAS No. : 69112-95-4

Molecular Formula : C20H42N2O

Molecular Weight : 326.6



Analytical Information

Batch No.	: C002022-114-199	**Solubility**	: ACN
Description	: Yellow Liquid	**Mass**	: Confirm
HPLC Purity	: 99.67 %	**IR**	: Confirm
Weight Loss By TGA	: 0.55 %	**1H NMR**	: Confirm
% Potency	: 99.12 %		

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 - 0.55(Weight Loss By TGA)] x [99.67(HPLC Purity)]/100 = 99.12 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		10/03/2026
Reviewed & Approved By	Quality Control	Jatin Patel		10/03/2026

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