CERTIFICATE OF ANALYSIS

(Certificate No. KMD028001-03)

Release Date: 07/10/2026 **Re-test Date:** 06/10/2029

N-Nitroso N-Desmethyl Demeclocycline

Identification

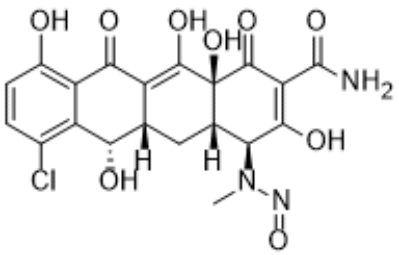
Chemical Name :
(4S,4aS,5aS,6S,12aS)-7-chloro-3,6,10,12,12a-pentahydroxy-4-(methyl(nitroso)amino)-1,11-dioxo-1,4,4a,5,5a,6,11,12a-octahydrotetracene-2-carboxamide (Mixture of E/Z Isomer)

CAT No. : KMD028001

CAS No. : Not Available

Molecular Formula : C20H18ClN3O9

Molecular Weight : 479.82



Analytical Information

Batch No.	: D028001-114-094	**Solubility**	: Methanol
Description	: Light Brown Solid	**Mass**	: Confirm
HPLC Purity	: 98.79 %	**IR**	: Confirm
Weight Loss By TGA	: 2.11 %	**1H NMR**	: Confirm
% Potency	: 96.71 %	**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 - 2.11(Weight Loss By TGA)] x [98.79(HPLC Purity)]/100 = 96.71 %
-Mixture of Isomer
-Re-tested on 07.10.2026

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		07/10/2026
Reviewed & Approved By	Quality Control	Jatin Patel		07/10/2026

Attachments : COA, HPLC, MASS, 1HNMR,13C NMR, IR and TGA