CERTIFICATE OF ANALYSIS

(Certificate No. KMM021001-01)

Release Date: 14/06/2024 **Re-test Date:** 13/06/2027

9-Nitro Minocycline

Identification

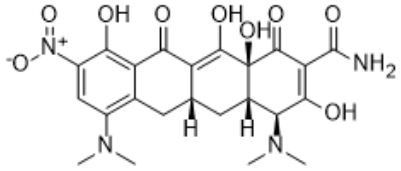
Chemical Name :
(4S,4aS,5aR,12aS)-4,7-bis(dimethylamino)-3,10,12,12a-tetrahydroxy-9-nitro-1,11-dioxo-1,4,4a,5,5a,6,11,12a-octahydrotetracene-2-carboxamide

CAT No. : KMM021001

CAS No. : 149934-16-7

Molecular Formula : C23H26N4O9

Molecular Weight : 502.47



Analytical Information

Batch No.	: TIG-IMP-9-073-252	**Solubility**	: Water
Description	: Yellow Solid	**Mass**	: Confirm
HPLC Purity	: 95.84 %	**IR**	: Confirm
Weight Loss By TGA	: 2.94 %	**1H NMR**	: Confirm
% Potency	: 93.02 %		

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 - 2.94(Weight Loss By TGA)] x [95.84(HPLC Purity)]/100 = 93.02 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		14/06/2024
Reviewed & Approved By	Quality Control	Jatin Patel		14/06/2024

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