

CERTIFICATE OF ANALYSIS

(Certificate No. KMV007001-01)

Release Date: 29/04/2024

Re-test Date: 28/04/2027

N-Nitroso Vancomycin Impurity

Identification

Chemical Name :

22H-8,11,18,21-Dietheno-23,36-(iminomethano)-13,16:31,35-dimetheno-1H,16H-[1,6,9]oxadiazacyclohexadecino[4,5-m][10,2,16]benzoxadiazacyclotetracosine

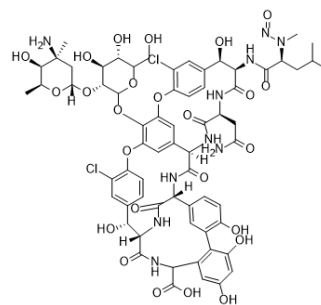
Alt. Name : N-nitroso-vancomycin

CAT No. : KMV007001

CAS No. : 155386-25-7

Molecular Formula : C₆₆H₇₄Cl₂N₁₀O₂₅

Molecular Weight : 1478.25



Analytical Information

Batch No. : VAN-N-NO-073-185

Description : Off White Solid

HPLC Purity : 97.66 %

Weight Loss By TGA : 6.01 %

% Potency : 91.79 %

Solubility : Water

Mass : Confirm

IR : Confirm

¹H NMR : Confirm

¹³C NMR : Confirm

Additional Information

Long Term Storage : Store at -20 deg. C for long term storage

Shipping Condition : Product is stable to be shipped at room temperature

% Potency = [100 - 6.01(Weight Loss By TGA)] x [97.66(HPLC Purity)]/100 = 91.79 %

-Mixture Of Isomer

-Re-Purification on 07.05.2025

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		14/05/2025
Reviewed & Approved By	Quality Control	Jatin Patel		14/05/2025

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