CERTIFICATE OF ANALYSIS

(Certificate No. KMV007001-01)

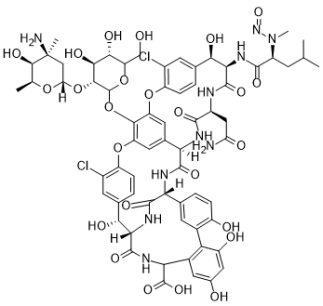
Release Date: 29/04/2024 **Re-test Date:** 28/04/2027

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	**Solubility**	: Water
Description	: Off White Solid	**Mass**	: Confirm
HPLC Purity	: 97.66 %	**IR**	: Confirm
Weight Loss By TGA	: 6.01 %	**1H NMR**	: Confirm
% Potency	: 91.79 %	**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