CERTIFICATE OF ANALYSIS

(Certificate No. KML011002-03)

Release Date: 06/11/2026 **Re-test Date:** 05/11/2029

Linezolid Standard

Identification

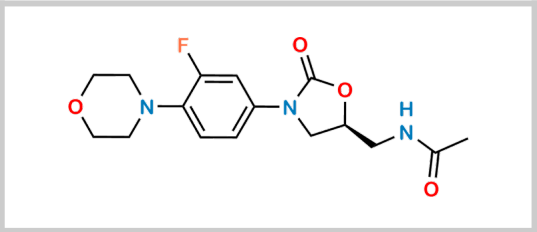
Chemical Name :
Linezolid ; N-[[(5S)-3-[3-Fluoro-4-(4-morpholinyl)phenyl]-2-oxo-5-oxazolidinyl] methyl] acetamide ;

CAT No. : KML011002

CAS No. : 165800-03-3

Molecular Formula : C16H20FN3O4

Molecular Weight : 337.4



Analytical Information

Batch No.	: L011002-136-344	**Solubility**	: Acetonitrile
Description	: White Soild	**Mass**	: Confirm
HPLC Purity	: 99.85 %	**IR**	: Confirm
Weight Loss By TGA	: 0.09 %	**1H NMR**	: Confirm
% Potency	: 99.76 %	**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 - 0.09(Weight Loss By TGA)] x [99.85(HPLC Purity)]/100 = 99.76 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		06/11/2026
Reviewed & Approved By	Quality Control	Jatin Patel		06/11/2026

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