

# CERTIFICATE OF ANALYSIS

(Certificate No. KML011015-01)

Release Date: 07/06/2025

Re-test Date: 06/06/2028

## LINEZOLID IMPURITY-B

### Identification

**Chemical Name :**

(S)-N-[[[3-[3-Fluoro-4-(4-morpholinyl)phenyl]-2-oxo-5-oxazolidinyl] methyl] phthalimide ;

**Alt. Name**

: (S)-Linezolid Desacetamide  
Phthalimide ; (S)-Linezolid Desacetyl  
Phthalimide

**CAT No.**

: KML011015

**CAS No.**

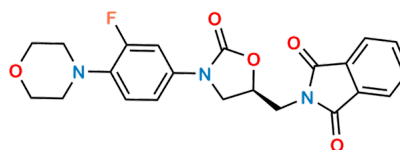
: 168828-89-5

**Molecular Formula**

: C22H20FN3O5

**Molecular Weight**

: 425.4



### Analytical Information

**Batch No.**

: L011015-102-062

**Solubility**

: Acetonitrile

**Description**

: Off White Solid

**Mass**

: Confirm

**HPLC Purity**

: 99.94 %

**IR**

: Confirm

**Weight Loss By TGA**

: 0.20 %

**<sup>1</sup>H NMR**

: Confirm

**% Potency**

: 99.74 %

### 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 - 0.20(Weight Loss By TGA)] x [99.94(HPLC Purity)]/100 = 99.74 %

**Recommendation**

: Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		09/06/2025
Reviewed & Approved By	Quality Control	Jatin Patel		09/06/2025

**Attachments** : COA, HPLC, MASS, <sup>1</sup>HNMR, IR and TGA