

Analysis Date: 10-11-2025

Re-test Date: 10-11-2028

SPIRAMYCIN EP IMPURITY F

Identification

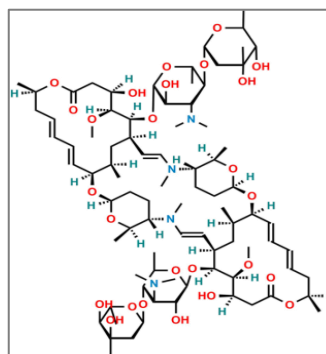
Chemical Name : Spiramycin Dimer (as per EP)

CAT No : ALL-S09303

CAS No : N.A.

Molecular Formula : C₈₄H₁₄₀N₄O₂₆

Molecular Weight : 1622.0



Analytical Information

Batch No	: ALL-S09303	HPLC Purity	: 98.00 %
Solubility	: MeOH: ACN	Potency	: 96.84 %
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: 2-8 °C	IR Analysis	: Confirm
Weight Loss By TGA	: 0.401 %	¹HNMR	: Confirm
Residue Of Ignition	: 0.774%		

Additional Information

$$\% \text{Potency} = [100 - (\text{Weight Loss By TGA \%} + \text{Residue Of Ignition \%}) \times \text{Chromatographic Purity\%}] / 100 =$$

$$[100 - (0.401 + 0.774) \times 98.00] / 100 = 96.84 \%$$

Recommendation : Released

	Department	Name	Signature
Prepared and Reviewed by	Analytical	Mr. Vipul Khadase Jr. Executive	
Approved By	QA&QC	Dr. Ashish Keche Director QA&QC	

Attachment : HPLC, Mass, ¹H NMR, TGA.

Shipping Condition : All Product are stable to be shipped at room temperature, unless otherwise specified

Corporate Office