

Analysis Date: 10-11-2025

Re-test Date: 10-11-2028

SPIRAMYCIN

Identification

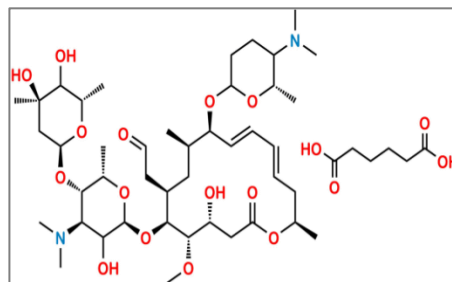
Chemical Name : (4R,5S,6S,7R,9R,10R,11E,13E,16R)-6-[[[3,6-dideoxy-4-O-(2,6-dideoxy-3-C-methyl-β-D-ribohexopyranosyl)-3-(dimethylamino)-β-D-glucopyranosyl]oxy]-4-hydroxy-5-methoxy-9,16-dimethyl-7-(2-oxoethyl)-10-[[[2,3,4,6-tetra-deoxy-4-(dimethylamino)-D-erythrohexopyranosyl]oxy]oxacyclohexadeca-11,13-dien-2-one (as per EP)

CAT No : ALL-S09297

CAS No : 68880-55-7

Molecular Formula : C₄₃H₇₄N₂O₁₄ : C₆H₁₀O₄

Molecular Weight : 843.1 : 146.1



Analytical Information

Batch Number	: ALL-S09297	HPLC Purity	: 98.00 %
Solubility	: MeOH: ACN	Potency	: 96.51 %
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: 2-8 °C	IR Analysis	: Confirm
Weight Loss By TGA	: 0.364 %	¹H NMR	: Confirm
Residue Of Ignition	: 0.745 %		

Additional Information

%Potency = [100 - (Weight Loss By TGA % + Residue Of Ignition %) × Chromatographic Purity%]/100 =
 [100 - (0.364 + 0.745) × 98.00]/100 = 96.51 %

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, IR, TGA

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

Corporate Office