

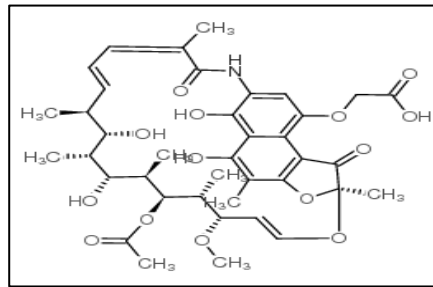
Analysis Date: 07-06-2025

Re-test Date: 07-06-2028

RIFAXIMIN EP IMPURITY B

Identification

Chemical Name	: 4-O-Carboxymethyl Rifamycin ;[(1,2-Dihydro-5,6,17,19,21-pentahydroxy-23- methoxy-2,4,12,16,18,20,22-heptamethyl-1,11-dioxo-2,7-(epoxypentadeca[1,11,13]trienimino)naphtho[2,1-b]furan-9-yl)oxy]acetic acid 21-acetate
CAT No	: ALL-RIF-B
CAS No	: 13929-35-6
Molecular Formula	: C ₃₉ H ₄₉ NO ₁₄
Molecular Weight	: 755.8



Analytical Information

Batch Code	: ALL-RIF-B	HPLC Purity	: 98.09%
Solubility	: MeOH: ACN	Potency	: 97.51 %
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: -20°C	IR Analysis	: Confirm
Weight Loss By TGA	: 0.349 %	¹H NMR	: Confirm
Residue Of Ignition	: 0.217 %		

Additional Information

$$\%Potency = [100 - (\text{Weight Loss By TGA } \% + \text{Residue Of Ignition } \%) \times \text{Chromatographic Purity}\%]/100 = [100 - (0.349 + 0.217) \times 98.09]/100 = 97.51\%$$

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