

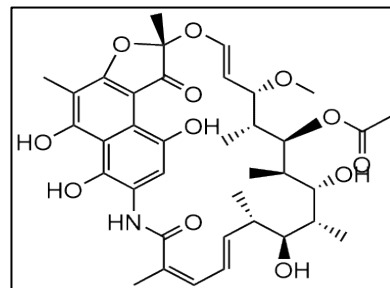
Analysis Date: 12-07-2023

Re-test Date: 12-07-2026

RIFAXIMIN EP IMPURITY C

Identification

Chemical Name	: 5,6,9,17,19,21-Hexahydroxy-23-methoxy-2,4,12,16,18,20,22-heptamethyl-2,7-(epoxypentadeca[1,11,13]trienimino)naphtho[2,1-b]furan-1,11(2H)-dione 21-Acetate Sodium Salt
CAT No	: ALL-RIF-1953
CAS No	: 6998-60-3 (base) ; 14897-39-3 (Na salt)
Molecular Formula	: C ₃₇ H ₄₇ NO ₁₂
Molecular Weight	: 719.75



Analytical Information

Batch Code	: ALL-RIF-1953	HPLC Purity	: 98.09 %
Solubility	: MeOH: ACN	Potency	: 97.01 %
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: -20°C	IR Analysis	: Confirm
Weight Loss By TGA	: 1.028 %	¹HNMR	: Confirm
Residue Of Ignition	: 0.656 %		

Additional Information

$$\% \text{Potency} = [100 - (\text{Weight Loss By TGA \%} + \text{Residue Of Ignition \%}) \times \text{Chromatographic Purity\%}] / 100 = [100 - (1.028 + 0.656) \times 98.04] / 100 = 97.01$$

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