

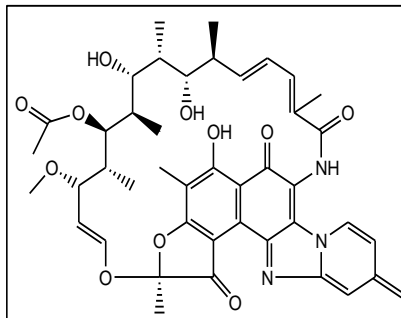
Analysis Date: 26-10-2023

Re-test Date: 26-10-2026

RIFAXIMIN IMPURITY 2

Identification

Chemical Name	: (2S,16Z,18E,20S,21S,22R,23R,24R,25S,26R,27S,28E)-25-(Acetyloxy)-5,21,23-trihydroxy-27-methoxy-2,4,16,20,22,24,26-heptamethyl-11-methylene-2,7-(epoxypentadeca[1,11,13]trienimino)benzofuro[4,5-e]pyrido[1,2-a]benzimidazole-1,6,15(2H,11H)-trione
CAT No	: ALL-RIF-1960
CAS No	: 1351775-03-5
Molecular Formula	: C43H49N3O11
Molecular Weight	: 783-86



Analytical Information

Batch Code	: ALL-RIF-1960	HPLC Purity	: 98.50 %
Solubility	: USP Diluent / EP Diluent (MEOH)	Potency	: 97.51 %
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: -20°C	IR Analysis	: Confirm
Weight Loss By TGA	: 0.729 %	1HNMR	: Confirm
Residue Of Ignition	: 0.267 %	13C NMR	: Confirm

Additional Information

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

$$[100 - (0.729 + 0.267) \times 98.50] / 100 = 97.51 \%$$

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, 13C NMR

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

Corporate Office