

Analysis Date: 10-06-2025

Re-test Date: 10-06-2028

## RIFAMPICIN 21-O-ACETYL ANALOUGE

### Identification

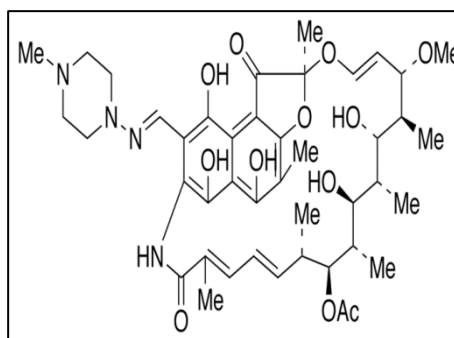
**Chemical Name** : 25-Deacetyl 21-Acetyl Rifampicin

**CAT No** : ALL-RIF-1963

**CAS No** : 1416773-22-2

**Molecular Formula** : C<sub>43</sub>H<sub>58</sub>N<sub>4</sub>O<sub>12</sub>

**Molecular Weight** : 822.94



### Analytical Information

<b>Batch Code</b>	: ALL-RIF-1963	<b>HPLC Purity</b>	: 96.00 %
<b>Solubility</b>	: USP Diluent / EP Diluent (MEOH)	<b>Potency</b>	: 94.68 %
<b>Appearance of Product</b>	: Off White Solid	<b>Mass</b>	: Confirm
<b>Long Term Storage</b>	: 2-8 °C	<b>IR Analysis</b>	: Confirm
<b>Weight Loss By TGA</b>	: 0.639%	<b><sup>1</sup>HNMR</b>	: Confirm
<b>Residue Of Ignition</b>	: 0.954 %		

### Additional Information

$$\%Potency = [100 - (\text{Weight Loss By TGA \%} + \text{Residue Of Ignition \%}) \times \text{Chromatographic Purity\%}] / 100 = [100 - (0.639 + 0.954) \times 96.00] / 100 = 94.68\%$$

**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