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Certificate of Analysis

Product **46143 - Rifampicin (RFP) (Rifampin) for cell culture, 97-102%, Endotoxin (BET) 0.05EU/mg - [13292-46-1]**

Batch No **7317347**

Analysis Date 21-Dec-2022

Date of Manufacture December 2022

Expiry Date/Re-Test Date December 2027

Molecular Formula C₄₃H₅₈N₄O₁₂

Molecular Weight 822.95

Test Parameters	Standards	Actual Results
Appearance (Colour)	A brick red to reddish brown	Brick red
Appearance (Form)	Crystalline powder	Crystalline powder
Assay (UV)	97-102%	100.53%
pH (1% aq. suspension)	4.5 - 6.5	4.5
IR Identification Test	Passes test	Passes
Spectral Ratio (A334nm/A475nm)	~1.75	1.76
Suitability for Cell Culture	Passes test	Passes
Bacterial Endotoxin Test (BET) (EU/mg = IU/mg)	<0.05 EU/mg	Passes
Not for medicinal use		

FRM/82/11/4/46143 Rev No. 1 Date 01/02/2022

Prepared by Prasad

In compliance with the standard specifications of SRL

Plant Site 2 : H-4, MIDC, Taloja – 410 208, Maharashtra, India

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