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Certificate of Analysis

Product	61314 - Ampicillin Sodium Salt (AMP-Na) - [69-52-3]
Batch No	9149109
Analysis Date	29-Feb-2024
Date of Manufacture	February 2024
Expiry Date/Re-Test Date	February 2029
Molecular Formula	C ₁₆ H ₁₈ N ₃ O ₄ SNa
Molecular Weight	371.4

Test Parameters	Standards	Actual Results
Appearance (Colour)	White to off-white	Off white
Appearance (Form)	Crystalline powder	Crystalline powder
Solubility (Turbidity) 10% aq. solution	Clear	Clear
pH (10% aq. solution)	8.0 - 10.0	9.30
Potency	min. 800 µg/mg	954.4 µg/mg
Specific rotation [α]	+ 258° to +287° (C= 0.25% in 0.4% KHP)	+276.667°
Water (KF)	max. 2%	0.90%
Not for medicinal use	.	

FRM/82/11/4/61314 Rev No. 1 Date 01/11/2015

Prepared by Jayesh

In compliance with the standard specifications of SRL

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

608-B, Satellite Gazebo, Andheri Ghatkopar Link Road,
Chakala, Andheri (E), Mumbai - 400 099. India. ☎ +91-22-4268 5800

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