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Certificate of Analysis

Product	26647 - Ampicillin Sodium Salt (AMP-Na) for tissue culture - [69-52-3]
Batch No	3926681
Analysis Date	12-Oct-2023
Date of Manufacture	October 2023
Expiry Date/Re-Test Date	October 2028
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	White
Appearance (Form)	Crystalline powder	Crystalline powder
Solubility (Turbidity) 10% aq. solution	Clear	Clear
pH (10% aq. solution)	8.0 - 10.0	9.6
Potency	min. 800 µg/mg	959.2 µg/mg
Specific rotation [α]	+ 258° to +287° (C= 0.25% in 0.4% KHP)	+ 263.29°
Water (KF)	max. 2%	1.95%
Suitability for Tissue Culture	Passes	Passes
Not for medicinal use		.

FRM/82/11/4/26647 Rev No. 1 Date 09/11/2018

Prepared by **Dhanashree**

In compliance with the standard specifications of SRL

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

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