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## Certificate of Analysis

<b>Product</b>	<b>26647 - Ampicillin Sodium Salt (AMP-Na) for tissue culture - [69-52-3]</b>
<b>Batch No</b>	<b>8058312</b>
<b>Analysis Date</b>	15-Sep-2024
<b>Date of Manufacture</b>	September 2024
<b>Expiry Date/Re-Test Date</b>	September 2029
<b>Molecular Formula</b>	C <sub>16</sub> H <sub>18</sub> N <sub>3</sub> O <sub>4</sub> SNa
<b>Molecular Weight</b>	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	9.5
Potency	min. 800 µg/mg	985.2 µg/mg
Specific rotation [α]	+ 258° to +287° (C= 0.25% in 0.4% KHP)	+276.32°
Water (KF)	max. 2%	1.06%
Suitability for Tissue Culture	Passes	Passes
Not for medicinal use		

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

Prepared by Jayesh

In compliance with the standard specifications of SRL

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

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