

## Certificate of Analysis

<b>Product Name</b>	Ampicillin	
<b>CAS.</b>	74431-23-5	
<b>Cat Number</b>	I8530	
<b>Lot Number</b>	3550423003	
<b>Molecular Formula</b>	C <sub>12</sub> H <sub>17</sub> N <sub>3</sub> O <sub>4</sub> S·H <sub>2</sub> O	
<b>Molecular Weight</b>	317.36	
<b>Storage</b>	2-8°C	
<b>Test</b>	<b>Specification</b>	<b>Result</b>
<b>Appearance</b>	Light yellow powder	Light yellow powder
<b>Purity</b>	≥97.0%	98.0%
<b>Solubility(5mg/ml,H<sub>2</sub>O)</b>	Light yellow transparent solution	Light yellow transparent solution
<b>Moisture Content</b>	≤0.5%	0.2%
<b>Test Date</b>	21 Jul 2025	
<b>Recommended Retest Period</b>	3 Years	
The results meet the quality requirements		
<b>QC Checker</b>	Niu Hao Ran	<b>QC Manager</b> Quan Jing Yu

