



## CERTIFICATE OF ANALYSIS

Product Name: **Ampicillin Sodium Salt**  
USP Grade

Catalog Number: A043                      Molecular Formula:  $C_{16}H_{18}N_3O_4SNa$

Lot Number: 12142016                      Formula Weight: 371.39

CAS Number: 69-52-3                      Storage: 2 to 8°C

Retest Date: 31 October 2018

<u>Test</u>	<u>Specifications</u>	<u>Results</u>
Appearance	White to Off-White Powder	PASS
Identification	Pass Test	PASS
Assay	845 - 988 µg/mg	899 µg/mg
Water Content	≤ 2 %	0.6 %
pH (1 %, H <sub>2</sub> O)	8.0 - 10.0	9.0
Moisture Content	≤ 2.0%	0.6 %
Functionality	Inhibits growth of <i>B. subtilis</i> and <i>E. coli</i> JM101	PASS

**This product meets or exceeds the quality standards established by Caisson Laboratories, Inc.**

*This product is intended for Laboratory Use Only*

Becky Kowallis                      10/24/2016  
Quality Control