



CERTIFICATE OF ANALYSIS

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

Catalog Number: A043 Molecular Formula: $C_{16}H_{18}N_3O_4SNa$
Lot Number: 08172012 Formula Weight: 371.39
CAS Number: 69-52-3 Storage: 2 to 8°C
Retest Date: 30-NOV-2019

<u>Test</u>	<u>Specifications</u>	<u>Results</u>
Appearance	White to Off-White Powder	PASS
Identification	Passes Test	PASS
Potency (Dry Basis)	845 - 988 µg/mg	901 µg/mg
Potency (As is)	Record	896.5 µg/mg
Moisture	≤ 2.0 %	0.5 %
Dimethylaniline	Passes Test	PASS
Methylene Chloride	≤ 0.2 %	0.03 %
Functionality	Inhibits Growth of <i>B. subtilis</i> and <i>E. coli</i> JM101	PASS
Solubility (30mg/mL, H ₂ O)	Clear, Colorless Solution	PASS
pH (1%, H ₂ O)	8.0 - 10.0	8.8

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

This product is intended for Laboratory Use Only

Prepared by:

Kylie Loftus 08/22/2017
Quality Control

Reviewed by: