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Certificate of Analysis

Catalog Number	00516
Product Name	Ampicilin sodium salt USP grade
Lot Number	000090-2464519
CAS Registry Number	69-52-3
Molecular Formula	C ₁₆ H ₁₈ N ₃ O ₄ SNa
Molecular Weight	371.39
Appearance	White to off-white crystalline powder
Identity	Conforms to test (Meets the USP test)
Crystallinity	Passes test (Conforms USP test)
pH	8.1 (10 mg/mL)
Solubility	Passes test
Clarity of solution	Passes test
Dimethylaniline	Passes test
Methylene chloride	100 ppm
Particulate matter	Within limits
Particulate matter (Royco) > 10 MCM	270
Particulate matter (Royco) > 25 MCM	40
Water Content (KF)	0.5%
Endotoxins	≤ 0.15 USP EU/mg
Potency (anhydrous)	924 mcg/mg
Storage	Store at 2-8 °C
Caution	Irritant! Hygroscopic!
Remarks	See material safety data sheets for additional information. For laboratory use only.

The foregoing is a copy of the Certificate of Analysis as provided by our supplier

Sashi Kumar

Sashi Kumar
Quality Control Manager