



Certificate of Analysis

Amoxicillin BP

Catalog Number: AM1011
Lot Number: 0906803
CAS Number: 26787-78-0
Molecular Formula: C₁₆H₁₉N₃O₅S
Molecular Weight: 365.40
Storage: 2°C – 8°C
Date of Manufacture: May 26, 2018
Retest Date: May 25, 2021

Test	Specification	Result
Appearance	White to off-white crystalline powder	Conforms
Assay	95% - 102%	100.2%
Identification (FTIR)	To match reference spectrum	Conforms
Specific Rotation	+290° to +315°	+298°
Appearance of Solution	To match reference standard	Conforms
pH	3.5 – 5.5	4.6
Related Substances	Single impurity ≤ 1.0%	0.073%
Dimethylaniline	To meet requirements	None Detected
Moisture	11.5% - 14.5%	13.5%
Sulfated Ash	≤ 1.0%	0.06%

This lot meets BP2016 requirements.

Approved by:

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Date: September 6, 2018