



CERTIFICATE OF ANALYSIS

Product	Ampicillin, sodium salt
Grade	High Purity
Product Code	AB0028
Formula	$C_{16}H_{18}N_3NaO_4S$
MW	371.39
CAS#	69-52-3
Lot No	

Test Items	Specifications	Results
Appearance	White to off-white powder	
Identification	Positive	
Specific rotation	+258° ~ +287°	
pH (1%, H ₂ O)	8.0-10.0	
Related substance	Complies	
Residual solvent	Complies	
Water	≤2.0%	
2-ethyl caproic acid	≤0.8%	
Heavy metals	≤20ppm	
Pyrogen	Complies	
Sterility	Complies	
Bacterial endotoxin	<0.1EU/mg	
Visible foreign matter	Complies	
Insoluble Particle	Complies	
Assay	845-988ug/mg (according to anhydride)	

Storage: 4°C. Keep dry. Warm to room temperature before opening.
Stock solution should be stored at -20°C. Stable at 37°C for 3 days.