

Specification Sheet

Product Name: **Ampicillin Na**
Specifications & Purity: USP grade
SKU # **A105483**

Parameter	Limit Values
Purity(HPLC)	91-100.5 (%)
Dichloromethane	0-0.2 (%)
Heavy metal (as Pb)	0-0.002 (%)
Bacterial endotoxins	0-0.15 (IU/ml OR u/ml)
pH	8-10
2-Ethylhexanoic acid	0-0.8 (%)
Specific Rotation $[\alpha]_{20/D}(c=0.25$ in Potassium biphthalate solu	258-287 (°)
N,N-Dimethylaniline	0-0.002 (%)
Water by Karl Fischer	0-2 (%)
potency (dry basis)	845-988 (mg/g)
Appearance (A105483)	White to Off-White Powder or Crystals
Appearance (solution)	passes test
Identification	pass
Related substances	Pass
Proton NMR spectrum	Conforms to structure