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Product Specifications

Catalogue Number	38473
Product	Ampicillin sodium salt powder or crystals D(-)- α -Aminobenzylpenicillin sodium salt 6-[D(-)- α -Aminophenylacetamido]penicillanic acid sodium salt
CAS Number	69-52-3
Molecular Formula	C ₁₆ H ₁₈ N ₃ O ₄ SNa
Molecular Weight	371.39

Appearance	White or almost white crystalline powder
Solubility	Clear, colorless solution
Crystallinity	To pass test
Water Content (Karl Fisher)	$\leq 2\%$
pH	8 - 10
Residual Solvents	Dimethylaniline : $\leq 0.002\%$ Methylene chloride : $\leq 0.2\%$
Bacterial Endotoxins	≤ 0.15 IU/mg
Potency (Anhydrous Basis)	845 - 988 mcg/mg (on dry basis)
Grade	suitable for cell culture
Storage	Store at 0 - 8 °C
Additional Information	Identification A & B : To pass test

For Laboratory Use Only