

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	38473
Product	Ampicillin sodium salt powder or crystals
Lot Number	001453-191001
	D(-)- α -Aminobenzylpenicillin sodium salt
CAS Number	69-52-3
Molecular Formula	C ₁₆ H ₁₈ N ₃ O ₄ SNa
Molecular Weight	371.39

Appearance	White crystalline powder
Solubility	Clear, colorless solution
Melting Point	215 °C (dec.)
Crystallinity	Passes test
Water Content (Karl Fisher)	1.2%
pH	8.7
Residual Solvents	Dimethylaniline : Not detected Methylene chloride : 0.02%
Bacterial Endotoxins	< 0.15 IU/mg
Potency (Anhydrous Basis)	870 mcg/mg (on dried basis)
Purity	92.8% (Dried basis)
Grade	suitable for cell culture
Storage	Store at 0 - 8 °C
Additional Information	Identification A, B : Passes test

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Lot Number: 001453-191001

Remarks

See material safety data sheet for additional information

For laboratory use only

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



Bala Kumar
Quality Control Manager