

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	15140
Lot Number	002852-1803001
Product	Piperacillin sodium salt Penticillin
CAS Number	59703-84-3
Molecular Formula	C ₂₃ H ₂₆ N ₅ NaO ₇ S
Molecular Weight	539.60

Appearance	White solid
Solubility	Freely soluble in water and ethanol
Water Content (Karl Fisher)	0.81%
pH	6.63
Residual Solvents	Ethanol: 0.007% Acetone: 0.001% Acetic ether: 0.09% Triethylamine: 0.002% Dichloromethane: 0.001%
Bacterial Endotoxins	< 0.07 EU/mg
Particle Size	154.8 particles/g 22.5 particles/g
Related Substances	Piperacillin penicilloic acid: 0.39% Acetylated penicilloic acid of piperacillin: 0.01%
Assay (anhydrous basis)	937.0 ug/mg (Piperacillin)
Grade	USP
Additional Information	Identification A: Complies Identification B: Positive Visible foreign matter: Absent Sterility: Sterile

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Catalog Number: 15140

Lot Number: 002852-1803001

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

A handwritten signature in black ink, appearing to read 'Bala Kumar', with a stylized flourish at the end.

Bala Kumar
Quality Control Manager