

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	29745
Lot Number	002197-210528
Product	Ceftizoxime sodium
CAS Number	68401-82-1
Molecular Formula	C ₁₃ H ₁₂ N ₅ NaO ₅ S ₂
Molecular Weight	405.38

Appearance	White to yellowish crystalline powder
Clarity & Color	Clarity : < 1, color : < Y6, YG6
Turbidity	1
Water Content (Karl Fisher)	7.3%
pH	7.1
Optical Rotation	[α] _D ²⁰ = 136 °
Infrared Spectrum	Conforms to structure
Bacterial Endotoxins	< 0.07 EU/mg
Related Substances	Individual impurity : 0.08% Total impurities : 0.24%
Assay	958 µg
Grade	USP
Storage	Store at ≤ -20 °C
Additional Information	Flame reaction of sodium salt is positive. Polymer : < 0.1% Visible eyewinker : Passes test Pariculate matter : > 10 µm : < 6000/g > 25 µm : < 600/g Sterilitv : Passes test

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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