

Specification

Technical Data Sheet

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| Product Name | Ceftriaxone sodium salt |
| Product No | 10212773 |
| CAS Number | 104376-79-6 |
| Storage Temperature | 2 to 8 °C |
| Molecular Weight | 661.60 |
| | Specification |
| Appearance | White to yellowish-orange crystalline powder |
| Acetone | ≤ 0.5% |
| Bacterial endotoxin | Conforms to USP specification |
| Conclusion | Conforms to USP specification |
| pH | 6.0 - 8.0 |
| Water | 8.0 - 11.0 % |
| Crystallinity | Conforms to USP specification |

Specification

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|--|-------------------------------|
| Residual Solvents: Ethanol | $\leq 0.5\%$ |
| Residual Solvents: Triethylamine | $\leq 0.02\%$ |
| Residual Solvents: Methanol | $\leq 0.3\%$ |
| Solubility | Clear, colourless to yellow |
| Sterility | Conforms to USP specification |
| Total Impurities | $\leq 2.5\%$ |
| Any single impurity | $\leq 0.2\%$ |
| Assay (Anhydrous) | $\geq 795\text{ug/mg}$ |
| Identification (IR) | Conforms to USP specification |
| Identification c, test for sodium | Conforms to USP specification |
