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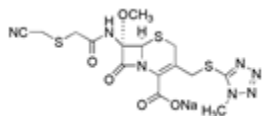
Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Product Specifications



Catalogue Number	22107
Product	Cefmetazole sodium salt
CAS Number	56796-39-5
Molecular Formula	C ₁₅ H ₁₆ N ₇ O ₅ S ₃ Na
Molecular Weight	493.52

Appearance	White to off-white to yellowish powder
Clarity & Color	Clarity of solution: ≤ 1# Color of solution: Y4 or YG4
Heavy Metals	≤ 20 ppm
Anion	Chlorides : ≤ 0.05% Sulfate : ≤ 0.05%
Cation	Arsenic : ≤ 2 ppm
Water Content (Karl Fisher)	≤ 1.0%
pH	4.2 - 6.2
Optical Rotation	[α] _D ²⁰ = +73 to +85 °
Infrared Spectrum	Conforms to structure
Residual Solvents	Methanol : ≤ 0.3% Ethanol : ≤ 0.5% Acetone : ≤ 0.5% Ethyl acetate : ≤ 0.5% Dichloromethane : ≤ 0.06%
Sterility	To pass test
Absorption coefficient	200 - 230
Particulate matter	To pass test
Visible particles	To pass test
Bacterial Endotoxins	≤ 0.05 EU/mg
Related Substances	1-methyl-1H-tetrazole-5-thiol : ≤ 1.0% Any individual impurity : ≤ 1.0% Total impurities : ≤ 4.0%

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Assay (anhydrous basis)	86.0 - 96.5%
Storage	Store at 0 - 8 °C

For Laboratory Use Only