

CERTIFICATE OF ANALYSIS

Name of Product: Cephalothin Sodium	
Batch No.: 20180219	CAS:58-71-9
Quantity: 100kg	Manufacture date: 2018.02.19
Test date: 2018.02.19	Retest date: 2020.02.18

Test Items	Quality Standard	Test Result
Appearance	White and off-whiter powder	Conforms
Assay	Not less than 900ug /mg C ₁₆ H ₁₆ N ₂ O ₆ S ₂ (calculated on the dried basis)	976ug/mg
loss on drying	Should not more than 1.5%	Conforms
Residual solvent	Acetone not more 0.5%	0.05%
Related compounds	Except the main peak, is not greater than the area of the main peak in the chromatogram obtained from the Standard solution (1.0%)	0.19%
	The sum of the areas of any such peaks is not greater than 3 times the area of the main peak in the chromatogram obtained from the Standard solution (3.0%).	0.41%
P H	6.0~8.5	7.4
Specific rotation	+124.0° ~ +134.0°	Conforms
Identify	Infrared Absorption spectrum diagram meets the specifications	Conforms
	UV Absorption spectrum diagram meets the specifications	Conforms
	It responds to the tests for Sodium	Conforms

Storage conditions	Cool and dry, no more than 26°C
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Conclusion: This product conforms to the Enterprise Standard.

Analyst:

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Checker:

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Supervisor:

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