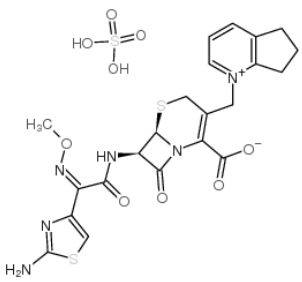


**HANGZHOU DINGYAN CHEM CO.,LTD**

Tel:86-571-87157530 Fax:86-571-87156470

Email:sales@dingyanchem.com

CERTIFICATE OF ANALYSIS**NO: DYC051509142**

Product name	Cefpirome Sulfate
CAS Number	98753-19-6
Molecule Structure	
Molecule Formula	C22H24N6O9S3
Batch number	20150519
Manuf.&Exp. Date	2015-05-19&2017-05-18
Testing date	2015-05-19

Test	Limit	Result
【Appearance】	A white or almost white crystalline powder	almost white crystalline powder
Specific optical rotation	-27 ° to -33 °	-29.30 °
Light absorption	405 to 435	418.8
【Identification】 1 2 3 4	Meets the requirement Meets the requirement Meets the requirement Meets the requirement	Meets Meets Meets Meets
【Test】		



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pH	1.6 to 2.6	1.83
Clarity of the solution	any opalescence produced is not more pronounced than that of reference suspension #1	Less than #1
Colour of the solution	Any color produced is not more intense than that of reference solution #5	Less than #5
Related substances	Any individual impurity NMT 0.5%	0.12%
	Total impurities NMT 1.0%	0.38%
Residue on ignition	NMT 0.1%	0.05%
Heavy metals	NMT 20ppm	less than 20ppm
Water	NMT 2.5%	1.59%
Bacteria endotoxin	≤0.05EU/mg	Meets
Sterility	Meets the requirement	Meets
【Assay】	NLT 82% (C ₂₂ H ₂₂ N ₆ O ₅ S ₂ , anhydrous basis)	83.65%
Conclusion	Conform to in-house standard	

QUALITY CONTROL:

Hangzhou Dingyan Chem Co., Ltd.

Quality Control Buddy Chan

Signature(s)

CHECK: 姚仙娟

INSPECTOR: 刘清风