



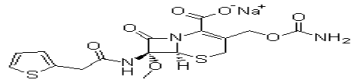
HANGZHOU DINGYAN CHEM CO., LTD

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CERTIFICATE OF ANALYSIS

NO: DYC081204242

Product name	Cefoxitin Sodium, CP2010	CAS Number	33564-30-6
Molecule Structure		Molecule Formula	C16H16N3NaO7S2
Manuf. Date:	2013-11-07	Exp. Date	2015-11-06
Batch number	131101B	Report Date	2013-11-07

Items	Standard	Result
Appearance	White or almost white powder	White powder
Solubility	Very soluble in water, slightly soluble in ethanol, insoluble in ethyl ether	Conforms
Specific optical rotation	+206-214°	+209°
Absorbance E ^{1%} 1cm	190-210	198
Identification	HPLC: The retention time of the major peak correspond to that of the standard IR: Conforms to the reference spectrum Responds to the tests for sodium	Conforms
PH	4.2-7.0	4.7
Appearance of solution	Clear or not more than opalescent than reference suspension I, Not more intensely colored than reference solution Y or GY8	0.5 max Y2 max
Related substance	Individual impurity: 0.5% max Total impurities: 4.0% max	0.16% 0.63%
Limit of residual solvents	Methanol: 0.3% max Ethanol: 0.5% max Acetonitrile: 0.041% max Acetone: 0.5% max Ethyl acetate: 0.5% max Tetrahydrofuran: 0.072% max	0.25% N.D N.D 0.06% N.D N.D
Water	1.0% max	0.7%
Heavy metals	20ppm max	Complies
Visible particles	Meets the requirement	Complies
Sub-visible particles	10µm: 6000particles/g max 25µm: 600 particles/g max	1098 9
Bacterial endotoxins	0.10EU/mg max	Complies
Assay, on dry base	90.1%min	93.9%
Conclusion: This goods conforms to the standard of CP2010.		

Hangzhou Dingyan Chem Co., Ltd.
 QUALITY CONTROL: *Xuefen Chen*
 Quality Control

CHECK: 姚仙娟

INSPECTOR: 刘清风