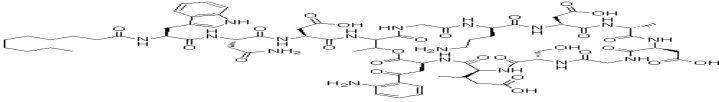




HANGZHOU DINGYAN CHEM CO., LTD
Tel:86-571-87157530 Fax:86-571-87156470
Email:sales@dingyanchem.com

CERTIFICATE OF ANALYSIS

NO: DY081204053

Product name	Daptomycin
CAS Number	103060-53-3
Molecule Structure	
Molecule Formula	C72H101N17O26
Batch number	20130813
Manuf. Date:	2013-08-13
Retesting Date:	2013-08-13

Items	Standard	Result
Appearance	Yellow or pale yellow amorphous powder	Conforms
Identification By HPLC, IR and UV	Conforms	Conforms
Assay(on the dried basis)	≥93.0%	94.1%
Related substance	Anhydro-daptomycin≤3.5%	0.26%
	β-isomer≤2.0%	0.81%
	Lactone hydrolysis product≤1.5%	0.33%
	Impurity RS-2 ≤0.5%	0.03%
	Any other impurity≤0.15%	0.04%
	Total impurities≤8.0%	3.24%
PH	3.0~5.0	4.52
Residue on ignition	≤4.0%	0.36%
Specific Rotation	+17.0°~ +25.0°	+23.6°
Residual organic solvents(GC)	Ethanol≤0.5%	0.009%
	Isopropanol≤0.5%	Absent
Heavy metals	≤20ppm	<20ppm
Water	≤10.0%	3.76%
Bacterial Endotoxin	<0.5EU/mg	Conforms
Storage	Preserve in sealed containers below -20℃. Transporting condition:2~8℃.	

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

CHECK: 姚仙娟

INSPECTOR: 刘清风