



HANGZHOU DINGYAN CHEM CO., LTD

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

Email:sales@dingyanchem.com

CERTIFICATE OF ANALYSIS

NO: DYC051501224

Product name	D-Ribose
CAS Number	50-69-1
Molecule Structure	
Molecule Formula	C5H10O5
Batch number	20140616
Manuf. Date&Exp.Date	2014-06-16;2016-6-15
Testing date	2014-06-26

Items	Standard	Result
Appearance	White crystals or crystalline powder	white crystals
Assay	97.0%~102.0%	99.0%
Loss on drying(%)	≤ 0.5	0.11
Residue on ignition(%)	≤ 0.2	0.05
Specific rotation[α] <sub>D</sub> <sup>20</sup>	-18.0° ~ -22.0°	-20.0°
State of solution(%)	≥95.0	99.5
Heavy metals(mg/kg)	≤ 10	<5
Arsenic(As <sub>2</sub> O <sub>3</sub> )(mg/kg)	≤ 2	<1
Other saccharide(TLC)	Negative	Not detected
Aerobic Plate Count(cfu/g)	≤100	Conforms
Pathogenic Bacteria	Negative/25g	Not detected

Conclusion:The results above conforms with the requirements of AJI97(D-Ribose) standard.

QUALITY CONTROL:   
 Hangzhou Dingyan Chem Co., Ltd.  
 Quality Control  
 Signature(s)

CHECK:姚仙娟

INSPECTOR: 刘清风