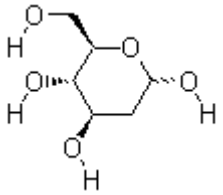
HANGZHOU DINGYAN CHEM CO.,LTD
TEL: 86-571-87157530,86465881,88025800, FAX:86-571-87156470
E-Mail:sales@dingyanchem.com,Web: www.dingyanchem.com

CERTIFICATE OF ANALYSIS

NO: DYC041612051

Product name	2-Deoxy-D-glucose
CAS Number	154-17-6
Molecule Structure	
Molecule Formula	$C_6H_{12}O_5$
Batch number	20160820
Manuf&Exp. Date	2016-08-20, 2018-08-19
Testing date	2016-08-24

Items	Standard	Result
Appearance	White or light yellow crystalline powder	White crystalline powder
Specific optical rotation	45.5° - 47.5°	46° - 47.4°
Melting point	146℃- 147℃	146℃- 147℃
Heavy metals	10ppm max	Conform
Arsenic	1ppm max	Conform
Loss on drying	0.5% max	0.23%
Residue on ignition	0.1% max	Conform
Chloride	0.05% max	Conform
Sulfate	0.05% max	Conform
Microbial limit	Total bacteria:100/g max E. Coli: can not be tested out	50/g max not detected
Assay	98.5%min (anhydrous basis)	99.26%

Hangzhou Dingyan Chem Co.,Ltd.
QUALITY CONTROL: Cristina CHECK:姚仙娟 INSPECTOR: 刘清风
Quality Control
Signature(s)

Add: Xiasha 571,19TH Street E-COMMERCE 4A601-602,Jianggan Area,Hangzhou,China