HANGZHOU DINGYAN CHEM CO.,LTD
Tel:86-571-87157530 Fax:86-571-87156470
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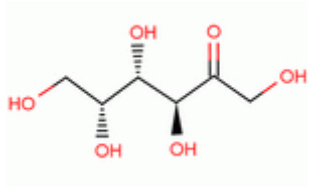
CERTIFICATE OF ANALYSIS

NO: DYC081407171

Product name	**D-tagatose**
CAS Number	**87-81-0**
Molecule Structure	
Molecule Formula	**C6H12O6**
Batch number	**20131203**
Manufacture Date	**2013-12-03**
Testing date	**2013-12-03**

Items	Standard	Result
Appearance	**White or almost white powder**	**White powder**
Identification	**Positive**	**Positive**
Clarity	**Clear**	**Clear**
Melting point	**129~136℃**	**131~133℃**
Specific optical rotation	**-4° ~ -7°**	**-6°**
Loss on drying	**1.0% max**	**0.32%**
Residue on ignition	**0.2% max**	**0.08%**
Heavy metals	**20ppm max**	**＜10ppm**
Assay	**98.0%min**	**99.3%**
Conclusion	**The result conforms the standard as above.**	

Hangzhou Dingyan Chem Co.,Ltd. Quality Control

QUALITY CONTROL: Xuefen Chen **CHECK:姚仙娟** **INSPECTOR：刘清风**