



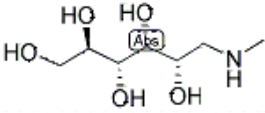
HANGZHOU DINGYAN CHEM CO.,LTD

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CERTIFICATE OF ANALYSIS

NO: DYC101705251

Product name	N-Methyl-D-glucamine
CAS Number	6284-40-8
Molecule Structure	
Molecule Formula	C7H17NO5
Batch number	2017-03-03
Manuf&Exp. Date	2017-03-03, 2019-03-02
Testing date	2017-03-04

Items	Standard	Result
Appearance	White crystalline powder	Complies
Assay	99.0%min	99.47%
Melting point	128-132°C	128.4-130.4°C
Specific rotation (20/D)	-15.5° ~ -17.5°	-16.10°
Residue on ignition	0.1% max	0.04%
Loss on drying	0.5% max	0.26%
Heavy metals	10ppm max	Complies
Absence of reducing substance	Blue don't change to red	Complies
Clarity of the solution	Clear and colorless solution	Complies
Ultraviolet absorbancy degree	0.03 max	0.01
Readily carbonizable substance	No deeper than the orange red no. 2	Complies
Nickel	5ppm max	2ppm
Conclusion: Meeting the standard of enterprise standard		

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

CHECK: 姚仙娟

INSPECTOR: 刘清风

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