



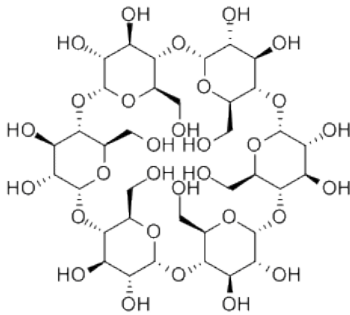
HANGZHOU DINGYAN CHEM CO.,LTD

TEL: 86-571-87157530,86465881,88025800, FAX:86-571-87156470

E-Mail:sales@dingyanchem.com,Web: www.dingyanchem.com

CERTIFICATE OF ANALYSIS

NO: **DYC081810251**

Product name	alpha-Cyclodextrin
CAS Number	10016-20-3
Molecule Structure	
Molecule Formula	C ₃₆ H ₆₀ O ₃₀
Batch number	20180720
Manufacture date	2018-07-20
Testing date	2018-07-20

Items	Standard	Result
Appearance	White powder	White powder
Purity	≥98 %	99.3%
Residue on ignition	≤0.1%	0.1%
Residue on sugars	≤0.2%	<0.2%
Heavy metals	≤5ppm	<5ppm
Lead	≤0.5ppm	<0.5ppm
Arsenic	≤1.300ppm	<1.0ppm
Residue on solvents	≤20ppm	<5ppm
Loss on drying	≤11%	10.5%
Specific rotation	173-180°	148°
Total number of bacteriail colony	≤1000CFU/g	<500CFU/g
Coliform group	≤40MPN/100g	<100MPN/100g
Mold	≤25CFU/g	20CFU/g
Yeast	≤25CFU/g	20CFU/g
Pathogens in 25g	not have	not have

Hangzhou Dingyan Chem Co., Ltd.

QUALITY CONTROL: 

CHECK: 姚仙娟

INSPECTOR: 刘清风