



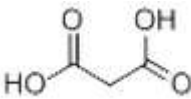
HANGZHOU DINGYAN CHEM CO.,LTD

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

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

CERTIFICATE OF ANALYSIS

NO: DYC051805111

Product name	Malonic acid
CAS Number	141-82-2
Molecular Structure	
Molecule Formula	C3H4O4
Batch number	20180203
Manuf&Exp. Date	2018-02-03;2019-02-02
Testing date	2018-02-04

Items	Standard	Result
Appearance	White crystal	White crystal
Assay	≥99.0%	99.77%
Melting point	131~137°C	131.5~134.0°C
Moisture	≤0.5%	0.12%
Chloride	≤0.02%	0.001%
Sulfate	≤0.10%	0.01%
Residue	≤0.10%	0.03%

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

CHECK: 姚仙娟

INSPECTOR: 刘清风