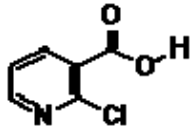


CERTIFICATE OF ANALYSIS

NO: DYC021309051

Product name	2-Chloronicotinic acid
CAS Number	2942-59-8
Molecule Structure	
Molecule Formula	C6H4ClNO2
Batch number	20130703
Manufacture Date	2013-07-03
Testing date	2013-07-03

Items	Standard	Result
Appearance	White to slightly yellow crystalline powder	Conform
Assay	99.0% min	99.7%
Water	0.30% max	0.26%
Melting point	≥177.0°C	177.3-178.5°C
Ash	0.20% max	0.08%
Individual Impurity	0.20% max	0.07%
Total Impurities	1.0% max	0.3%

Hangzhou Dingyan Chem Co., Ltd.  
 QUALITY CONTROL: *Xuefen Chen*  
 Quality Control Signature

CHECK: 姚仙娟

INSPECTOR: 刘清风