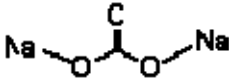




HANGZHOU DINGYAN CHEM CO., LTD
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CERTIFICATE OF ANALYSIS

NO: DYC081412161

Product name	Sodium carbonate anhydrous, AR grade
CAS Number	497-19-8
Molecule Structure	
Molecule Formula	Na ₂ CO ₃
Batch number	20141122
Manufacture Date	2014-11-22
Testing date	2014-11-22

Items	Standard	Result
Appearance	White crystal	White crystal
Assay	99.8%min	99.9%
Transparency of solution	3 max	3
Insoluble in water	0.01% max	0.008%
Loss on ignition	1.0% max	0.7%
Chloride	0.002% max	0.001%
Sulfur compounds	0.005% max	0.004%
Nitrogen compounds	0.001% max	0.001%
Phosphate and silicate	0.006% max	0.005%
Mg	0.002% max	0.001%
Al	0.003% max	0.002%
K	0.005% max	0.004%
Ca	0.01% max	0.007%
Fe	0.0005% max	0.0004%
Heavy metals	0.0005% max	0.0004%

Hangzhou Dingyan Chem Co., Ltd.
Quality Control
QUALITY CONTROL:  CHECK: 姚仙娟 INSPECTOR: 刘清风