

Certificate of Certified Reference Material

NCS HC 25652

Nitrided Ferrosilicon

Reissued in 2012

Approved by China National Analysis Center for Iron and Steel

(Beijing China)

Certified Values and Standard Deviation

(%)

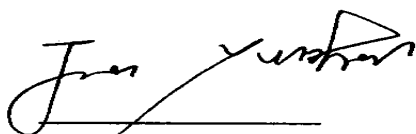
No.		N	Si	P	Ti	C	S
NCS HC	Certified Value	28.15	51.85	0.014	0.052	0.35	0.003
25652	Standard Deviation	0.12	0.20	0.001	0.003	0.01	0.001

Note:

1. Each certified value is the mean of analytical results of 8 independent laboratories.
2. The sample is chips packed in glass bottle. The minimum package is 50 grams.
3. The sample should be stored at cool, dry and dark place.
4. The valid time of the sample is 10 years, although we reserve the right to make change as issue revisions.

Analytical Methods

Element	Analytical method
N	Alkalimetric titrimetric method; Pulse heating inert gas fusion-thermo-conductometric method
Si	The perchloric acid dehydration-gravimetric method
P	Phosphorus-molybdenum blue photometric method; ICP-AES spectrography; The n-butyric alcohol-trichloromethane extraction photometric method
Ti	ICP-AES spectrography; Diantiprylmethane photometric method
C	The gasometric method; Infrared absorption method
S	Infrared absorption method



Jia Yunhai
Laboratory Director