

Certificate of Certified Reference Material

NCS DC 93006—NCS DC 93009

Gold and Silver in Gold Ore

Issued in Aug., 2008

Approved by China National Analysis Center for Iron and Steel

(Beijing China)

These Certified Reference Materials are prepared in accordance with the ISO guides 30-35. The intended use for these CRMS is for the quality control in Gold and Silver analysis, the evaluating methods of analysis and the calibration of analytical instruments.

Certified Values and Extended Uncertainty

No.		Certified value (g/T)	Extended Uncertainty(k=3) (g/T)	Number of data
NCS DC 93006	Au	57.2	0.9	17
	Ag	43.4	1.2	17
NCS DC 93007	Au	37.3	0.9	17
	Ag	26.2	0.9	17
NCS DC 93008	Au	20.9	0.4	17
	Ag	63.1	1.2	16
NCS DC 93009	Au	2.5	0.2	17
	Ag	7.8	0.3	16

Note:

- 17 independent laboratories take part in the analysis work.
- The sample is powder with size less than 0.074 mm packed in plastic bottle.
- The minimum weight for analysis is Au: 10g, Ag: 0.1g.
The package of these samples is NCS DC93006: 1000grams, NCS DC93007: 750grams, NCS DC93008: 500grams, NCS DC93009: 500grams
- The sample should be stored at dry and cool place.
- The valid time of the sample is 10 years, although we reserve the right to make change as issue revisions.

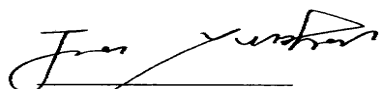
Analytical Methods

Element	Analytical methods
Au	Atomic absorption spectrometry; ICP-MS method; Fire assay gold method; Volumetric method
Ag	Atomic absorption spectrometry; ICP-MS method; Fire assay gold method

Statement:

This material is used only in labs and for analysis work, producer will be not responsible for any problem caused by misuse or not properly store.

Please check carefully the package, quantity and type of the material after receiving it. Related compensation is only limited in the certified materials, any other losses will be not included.



Jia Yunhai
Laboratory Director