

The Technical Association of Refractories, Japan

## Certified Reference Material for Carbon Analysis of C/SiC Refractories

JRRM 1001-1009(Series No.1 for Calibration of Carbon Analyzer)

### Certificate of Analyses

Unit: mass%

Component	Certified value		Approximate value	
	Total Carbon	Free Carbon	Silicon Carbide	Loss on Ignition
Chemical Symbol	T.C	F.C	SiC	LOI
JRRM 1001(SiC 100)	29.81	0.04	99.58	.....
JRRM 1002(C 5)	5.03	4.98	.....	5.11
JRRM 1003(C 10)	10.06	10.01	.....	10.11
JRRM 1004(C 20)	20.04	19.92	.....	20.01
JRRM 1005(C 30)	29.93	29.81	.....	29.95
JRRM 1006(C 50)	49.99	49.97	.....	49.95
JRRM 1007(C 10-SiC 90)	36.75	10.01	89.29	.....
JRRM 1008(C 5-SiC 30)	14.12	5.21	29.74	.....
JRRM 1009(C 40-SiC 6)	39.43	37.67	6.18	.....

Note: The above values show the contents after drying for two hours at  $110 \pm 5^\circ\text{C}$ .

Prepared, Values  
given and Certified by

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