October 1, 2013

Certified Reference Material Series for X-ray Fluorescence Analysis of Refractories
JRRM 101-110 (Series No.1 for Fireclay Refractories)

Unit: mass%

Constituent	SiO_2	Al_2O_3	Fe_2O_3	TiO_2	MnO	CaO	MgO	Na_2O	K_2O
JRRM 101	88.5_7	8.1_6	0.31_4	0.30_2	0.11_6	1.06_1	0.21_7	1.01_3	0.16_5
JRRM 102	80.4_7	13.7_9	3.97_8	0.45_4	0.01_5	0.04_9	0.67_3	0.30_3	0.14_5
JRRM 103	80.3_2	18.0_7	0.40_7	0.37_0	0.00_5	0.07_2	0.01_6	0.12_4	0.35_0
JRRM 104	67.3_5	22.5_2	3.24_4	2.94_3	0.01_7	0.25_9	0.07_0	0.30_0	3.04_8
JRRM 105a	69.1_7	25.3_5	0.76_8	2.24_9	0.11_9	0.40_7	0.22_2	0.65_1	0.81_7
JRRM 106	63.6_1	29.9_1	1.92_2	0.67_9	0.02_4	0.14_6	0.98_0	0.59_9	1.81_6
JRRM 107	55.3_2	37.0_8	2.20_2	1.15_5	0.01_9	0.71_0	0.49_2	0.21_8	2.57_3
JRRM 108	55.3_1	40.0_8	1.54_7	1.05_3	0.02_0	0.27_7	0.27_0	0.20_7	0.80_9
JRRM 109	54.2_3	41.2_4	0.89_2	1.96_1	0.01_1	0.14_6	0.12_6	0.30_7	0.79_3
JRRM 110	49.5_4	46.6_8	0.84_8	1.66_6	0.01_4	0.10_7	0.16_6	0.08_5	0.34_2

Note: The above values show the contents after igniting for one hour at 800±25℃.

Certified Reference Material Series for X-ray Fluorescence Analysis of Refractories
JRRM 121-135 (Series No.2 for Fireclay Refractories)

Unit: mass%

Constituent	SiO_2	Al_2O_3	Fe_2O_3	TiO_2	MnO	CaO	MgO	Na_2O	K_2O	P_2O_5	Cr_2O_3	ZrO_2	LOI*
JRRM 121	86.3$_0$	6.07$_3$	0.40$_7$	0.05$_6$	0.02$_3$	1.96$_7$	0.12$_6$	3.20$_7$	0.23$_4$	0.32$_4$	0.01$_8$	1.11$_9$	0.05$_7$
JRRM 122	78.2$_4$	10.2$_6$	0.24$_8$	1.03$_7$	0.20$_4$	0.43$_5$	0.65$_7$	1.04$_1$	2.05$_7$	4.89$_8$	0.81$_8$	0.20$_3$	0.12$_7$
JRRM 123	79.1$_6$	13.3$_1$	4.13$_4$	0.45$_9$	0.01$_2$	0.13$_5$	1.32$_8$	0.29$_6$	0.10$_9$	0.80$_7$	0.01$_4$	0.00$_8$	0.03$_7$
JRRM 124	73.9$_2$	16.5$_6$	2.60$_3$	2.74$_6$	0.24$_6$	1.09$_9$	0.10$_9$	0.31$_3$	1.79$_1$	0.19$_1$	0.11$_7$	0.11$_2$	0.10$_3$
JRRM 125	79.2$_7$	18.7$_1$	0.50$_4$	0.30$_9$	0.00$_8$	0.13$_0$	0.08$_4$	0.07$_2$	0.69$_1$	0.04$_6$	0.01$_0$	0.02$_3$	0.07$_7$
JRRM 126	66.9$_6$	21.3$_9$	3.34$_9$	2.84$_8$	0.03$_8$	0.45$_6$	0.12$_7$	0.28$_4$	3.13$_5$	0.49$_7$	0.65$_0$	0.04$_9$	0.17$_5$
JRRM 127	68.5$_9$	23.0$_8$	0.92$_6$	2.19$_4$	0.17$_4$	0.18$_2$	0.15$_3$	1.75$_6$	0.54$_2$	1.78$_5$	0.27$_3$	0.04$_6$	0.07$_2$
JRRM 128	54.3$_8$	26.0$_5$	4.45$_8$	1.37$_9$	0.24$_4$	2.80$_3$	3.10$_6$	0.37$_4$	1.84$_9$	3.36$_2$	0.85$_4$	1.01$_4$	0.02$_4$
JRRM 129	62.2$_6$	30.1$_0$	1.46$_0$	0.96$_6$	0.01$_8$	0.15$_7$	2.23$_2$	0.23$_4$	1.92$_7$	0.20$_1$	0.10$_7$	0.11$_2$	0.11$_7$
JRRM 130	53.4$_7$	32.7$_4$	0.53$_1$	3.35$_8$	0.37$_0$	1.95$_4$	0.61$_9$	2.32$_0$	1.42$_0$	0.91$_9$	1.05$_4$	0.83$_5$	0.11$_6$
JRRM 131	52.7$_1$	36.6$_3$	2.20$_8$	1.16$_2$	0.03$_2$	0.78$_5$	1.02$_3$	0.76$_8$	2.61$_9$	1.61$_1$	0.07$_0$	0.26$_4$	0.17$_4$
JRRM 132	50.6$_1$	39.1$_1$	1.64$_5$	0.29$_8$	0.11$_9$	1.29$_8$	0.34$_9$	2.16$_2$	0.79$_7$	2.38$_6$	0.11$_6$	0.75$_2$	0.15$_4$
JRRM 133	50.1$_0$	39.0$_2$	3.69$_3$	1.93$_2$	0.01$_7$	0.10$_9$	2.03$_4$	0.33$_5$	0.91$_4$	0.34$_4$	1.27$_7$	0.57$_3$	0.08$_9$
JRRM 134	47.2$_8$	44.3$_6$	1.07$_9$	1.74$_0$	0.24$_5$	0.20$_0$	0.20$_5$	0.13$_2$	0.37$_5$	3.83$_4$	0.24$_4$	0.35$_8$	0.14$_6$
JRMM 135	37.2$_6$	48.9$_2$	3.05$_7$	0.07$_6$	0.04$_9$	2.36$_0$	1.24$_5$	2.87$_9$	2.77$_6$	0.48$_7$	0.42$_7$	0.20$_3$	0.18$_3$

Note: The above values show contents after drying for two hours at 110±5℃.

(*) Indicated value

Certified Reference Material Series for X-ray Fluorescence Analysis of Refractories
JRRM 201-210 (Series No.1 for Silica Refractories)

Unit: mass%

Sold Out

Constituent	SiO_2	Al_2O_3	Fe_2O_3	TiO_2	MnO	CaO	MgO	Na_2O	K_2O
JRRM 201	84.3_6	9.71_5	1.46_5	0.03_2	0.14_7	2.77_9	0.73_2	0.31_6	0.14_4
JRRM 202	85.7_2	7.59_5	3.97_2	0.56_7	0.00_4	0.81_7	0.02_0	1.01_4	0.02_5
JRRM 203	87.3_3	5.09_4	1.78_5	0.18_2	0.11_2	3.97_6	0.47_1	0.61_6	0.24_2
JRRM 204	89.6_4	4.49_7	[illegible]	[illegible]	[illegible]	[illegible]	0.31_3	0.31_5	0.90_7
JRRM 205	90.4_0	3.08_9	[illegible]	[illegible]	[illegible]	[illegible]	0.09_2	0.93_2	0.50_0
JRRM 206	92.8_8	1.77_2	[illegible]	[illegible]	[illegible]	[illegible]	0.07_2	0.18_0	0.50_7
JRRM 207	94.0_5	1.70_3	0.96_5	0.07_9	0.04_2	2.51_8	0.16_0	0.04_7	0.21_2
JRRM 208	94.4_3	0.46_3	0.06_4	0.00_5	0.00_1	4.19_7	0.05_6	0.63_4	0.02_2
JRRM 209	96.2_2	0.87_6	0.37_3	0.05_0	0.06_8	1.89_3	0.10_6	0.03_3	0.17_0
JRRM 210	97.6_9	0.16_3	0.83_3	0.00_5	0.00_2	0.30_1	0.78_8	0.02_1	0.00_7

Note: The above values show contents after igniting for one hour at 800±25℃.

Certified Reference Material Series for X-ray Fluorescence Analysis of Refractories
JRRM 301-310 (Series No.1 for High Alumina Refractories)

Unit: mass%

Constituent	SiO_2	Al_2O_3	Fe_2O_3	TiO_2	MnO	CaO	MgO	Na_2O	K_2O	B_2O_3*
JRRM 301	43.9_1	46.8_0	3.52_9	1.03_1	0.01_8	0.79_7	0.69_0	0.17_0	2.00_7	0.87
JRRM 302	37.7_0	53.9_3	4.49_0	0.59_7	0.20_0	0.87_1	0.69_7	0.56_5	0.66_7	—
JRRM 303	36.1_6	59.2_5	1.47_6	0.16_4	0.00_8	1.03_9	0.85_5	0.69_9	0.20_7	—
JRRM 304	27.5_5	63.0_6	3.46_9	4.34_0	0.05_9	0.18_3	0.37_6	0.27_6	0.38_8	—
JRRM 305	20.0_3	68.6_9	2.81_6	3.30_0	0.01_0	0.65_5	0.30_4	0.80_8	3.11_6	—
JRRM 306	17.3_5	74.1_9	1.95_6	2.68_5	0.01_9	0.62_6	0.10_0	0.99_4	1.75_8	—
JRRM 307	10.8_7	80.1_4	2.97_2	1.22_9	0.01_6	0.15_2	0.61_2	1.08_4	2.36_1	—
JRRM 308	10.2_5	86.5_9	0.41_2	1.79_5	0.11_2	0.09_9	0.05_3	0.26_3	0.10_8	—
JRRM 309	2.12_4	89.8_3	1.27_7	3.85_6	0.00_3	1.02_3	0.28_8	0.42_2	0.92_2	—
JRRM 310	0.41_2	94.7_1	0.02_4	2.06_4	0.04_5	0.03_8	0.97_9	0.08_1	1.32_6	—

Note: The above values show contents after igniting for one hour at 800±25℃.

(*) Indicated value

Certified Reference Material Series for X-ray Fluorescence Analysis of Refractories
JRRM 401-410 (Series No.1 for Magnesia Refractories)

Unit: mass%

Constituent	SiO_2	Al_2O_3	Fe_2O_3	CaO	MgO	Indicated value						
						TiO_2	MnO	Na_2O	K_2O	Cr_2O_3	P_2O_5	B_2O_3
JRRM 401	6.42_4	8.10_6	3.89_0	0.20_8	81.2_4	0.01_7	0.01_1	0.00_6	0.00_3	0.00_4	0.03_5	0.01_6
JRRM 402	5.46_2	1.99_9	5.05_0	3.57_0	83.7_7	0.02_6	0.01_1	0.01_0	0.00_1	0.00_6	0.07_7	0.12_7
JRRM 403	8.14_4	4.06_0	1.55_3	0.61_5	85.4_8	0.00_3	0.01_4	0.00_4	0.00_1	0.01_0	0.04_4	0.03_1
JRRM 404	1.22_3	6.01_4	2.90_8	1.78_6	88.0_2	0.00_7	0.03_0	0.00_9	0.00_1	0.00_6	0.05_3	0.01_1
JRRM 405	3.47_9	1.37_2	1.34_6	1.69_0	91.9_5	0.05_4	0.07_4	0.00_9	0.01_5	0.01_4	0.12_0	0.01_1
JRRM 406	1.19_6	1.13_9	0.87_4	4.80_5	91.8_5	0.00_4	0.01_1	0.00_2	0.00_0	0.00_6	0.04_1	0.01_3
JRRM 407	2.43_2	0.10_0	2.14_5	0.67_5	94.5_5	0.00_3	0.01_4	0.00_4	0.00_1	0.08_0	0.04_4	0.02_3
JRRM 408	0.46_0	2.55_4	0.13_4	0.67_2	96.1_9	0.00_4	0.01_0	0.00_1	0.00_0	0.00_9	0.01_5	0.09_9
JRRM 409	0.53_4	0.20_2	0.49_0	0.74_4	98.0_3	0.00_3	0.01_5	0.00_2	0.00_1	0.01_9	0.02_3	0.03_3
JRRM 410	0.18_8	0.05_8	0.05_0	0.59_5	99.0_8	0.00_3	0.01_0	0.00_1	0.00_0	0.00_3	0.04_5	0.02_6

Note: The above values show the contents after burning for sixty minutes at 1050±25℃.

Certified Reference Material Series for X-ray Fluorescence Analysis of Refractories
JRRM 501-510 (Series No.1 for Chrome-Magnesia Refractories)

Unit: mass%

Constituent	SiO_2	Al_2O_3	Fe_2O_3	TiO_2	MnO	CaO	MgO	Cr_2O_3	Indicated value				
									LOI	P_2O_5	V_2O_5	NiO	ZnO
JRRM 501	0.92_6	2.92_2	4.80_6	0.00_6	0.02_0	0.92_3	87.6_0	2.82_8	0.13_7	0.03_6	0.01_9	0.01_8	0.00_6
JRRM 502	3.11_8	11.9_8	1.02_1	0.01_3	0.01_8	0.20_1	76.2_8	7.49_8	0.06_5	0.02_6	0.02_4	0.02_6	0.00_4
JRRM 503	9.09_6	7.14_7	3.00_6	0.04_7	0.03_8	3.81_5	63.1_1	13.6_0	0.11_1	0.03_2	0.03_7	0.03_6	0.01_3
JRRM 504	2.18_9	17.5_6	4.11_2	0.01_3	0.01_1	2.60_8	54.8_5	18.3_5	0.12_4	0.03_4	0.01_6	0.01_5	0.01_1
JRRM 505	1.82_3	7.76_8	17.7_6	0.11_8	0.10_9	0.49_2	50.1_4	21.7_4	0.08_5	0.02_3	0.07_5	0.07_8	0.02_1
JRRM 506	2.16_5	14.6_9	7.49_0	0.13_4	0.07_2	0.46_0	46.6_5	28.1_9	0.07_0	0.01_8	0.08_6	0.09_4	0.01_0
JRRM 507	5.69_8	25.0_2	12.9_8	0.16_6	0.11_5	1.61_5	22.3_6	32.0_3	-0.11_1	0.01_0	0.13_0	0.20_2	0.03_7
JRRM 508	3.08_1	3.89_1	22.7_0	0.01_4	0.00_6	1.03_1	30.8_6	38.1_8	0.05_3	0.01_6	0.00_8	0.01_0	0.00_5
JRRM 509	1.96_4	20.2_8	10.1_5	1.20_3	0.08_2	2.86_7	20.4_5	42.5_7	0.13_7	0.01_3	0.11_8	0.04_4	0.03_7
JRRM 510	4.91_4	12.2_1	14.9_9	0.13_3	0.17_6	0.29_1	16.8_6	50.3_8	-0.25_5	0.01_6	0.11_1	0.19_3	0.04_1
JRRM 511	2.90_9	6.68_4	27.2_2	0.10_5	0.12_7	0.07_1	10.6_2	52.5_1	-0.48_3	0.00_4	0.05_4	0.10_8	0.05_2
JRMM 512	10.5_7	29.2_5	26.0_1	0.04_7	0.02_5	4.06_1	24.8_1	4.98_9	0.02_8	0.01_9	0.01_2	0.01_8	0.01_3

Note: The above values show contents after drying for two hours at 110±5℃.

Certified Reference Material Series for X-ray Fluorescence Analysis of Refractories
JRRM 601-610 (Series No.1 for Zircon-Zirconia Refractories)

Unit: mass%

Constituent	SiO_2	Al_2O_3	Fe_2O_3	TiO_2	CaO	MgO	Na_2O	K_2O	P_2O_5	Cr_2O_3	ZrO_2	HfO_2	LOI*
JRRM 601	0.26_3	0.11_9	0.10_1	0.16_8	5.58_1	0.06_4	0.00_4	0.00_2	0.00_7	0.00_3	92.0_1	1.59_1	0.07_9
JRRM 602	0.33_4	0.07_8	1.61_8	0.16_4	0.22_0	5.29_0	0.76_6	0.00_4	1.33_8	0.01_5	88.2_5	1.52_2	0.25_2
JRRM 603	0.96_6	5.29_3	2.85_8	0.93_2	0.95_3	0.96_7	0.18_7	0.65_2	0.83_7	0.02_9	84.7_0	1.45_3	0.11_5
JRRM 604	3.04_5	6.91_7	0.42_9	0.13_4	0.09_4	0.01_7	1.08_7	1.93_7	1.99_2	3.06_2	79.2_6	1.35_6	0.23_5
JRRM 605	10.7_8	4.83_2	0.17_6	0.12_7	1.93_9	1.99_3	0.45_7	0.54_1	0.35_2	1.54_8	75.3_6	1.31_4	0.31_4
JRRM 606	22.0_3	0.53_2	0.93_3	0.11_7	0.02_1	0.32_0	2.02_8	0.01_4	0.01_9	0.00_8	72.3_5	1.26_5	0.32_8
JRRM 607	32.7_5	3.51_9	0.12_0	0.13_6	0.04_8	0.03_1	0.02_6	0.04_3	0.08_5	0.00_2	61.3_1	1.21_1	0.56_9
JRRM 608	34.6_2	0.70_7	0.09_2	0.10_2	0.52_1	3.12_5	0.03_1	0.01_9	0.11_7	0.49_7	58.8_4	1.21_7	0.06_9
JRRM 609	40.5_0	0.88_5	0.15_0	0.15_3	0.30_0	0.15_0	0.94_2	0.02_8	0.08_1	0.01_2	55.5_6	1.12_2	0.12_2
JRRM 610	45.6_6	0.45_1	0.30_8	0.09_9	3.07_5	0.54_7	0.04_3	0.01_0	0.11_3	0.00_9	48.7_0	0.98_6	0.07_4

Note: The above values show contents after drying for two hours at 110±5℃.

(*) Indicated value

Certified Reference Material Series for X-ray Fluorescence Analysis of Refractories
JRRM 701-710 (Series No.1 for Alumina-Zirconia-Silica Refractories)

Unit: mass%

Constituent	SiO_2	Al_2O_3	Fe_2O_3	TiO_2	CaO	MgO	Na_2O	K_2O	Cr_2O_3	ZrO_2	HfO_2	Indicated value		
												LOI	MnO	P_2O_5
JRRM 701	28.4_4	10.0_9	2.00_7	4.96_1	2.07_3	0.47_6	1.84_6	0.02_4	1.01_0	48.0_6	0.85_0	0.09_8	0.00_7	0.02_7
JRRM 702	9.9_9	38.1_4	0.37_4	0.21_0	1.55_2	1.97_9	2.02_4	0.57_9	0.11_1	42.5_4	2.08_6	0.18_0	0.00_4	0.02_8
JRRM 703	14.6_4	46.3_4	0.05_9	0.07_2	0.03_7	0.01_1	0.53_5	0.00_2	0.00_6	37.3_5	0.72_7	0.09_6	0.00_0	0.03_5
JRRM 704	42.6_1	19.5_8	0.55_3	1.02_5	0.15_5	0.51_5	0.22_8	0.40_2	0.51_8	33.4_6	0.68_2	0.07_9	0.08_9	0.13_0
JRRM 705	1.99_9	64.1_4	0.14_1	2.02_1	0.19_1	0.46_0	0.30_0	0.01_8	2.01_9	27.9_6	0.48_4	0.16_6	0.00_4	0.01_7
JRRM 706	39.3_3	25.9_5	0.13_0	3.77_8	1.58_7	0.15_8	3.49_6	0.95_2	0.01_0	22.7_2	1.19_0	0.72_9	0.00_4	0.01_6
JRRM 707	21.1_7	55.7_8	1.81_4	0.28_9	1.08_6	0.84_4	0.19_9	0.15_5	0.18_0	18.1_6	0.37_6	0.01_1	0.00_3	0.05_5
JRRM 708	0.54_6	79.5_2	0.80_0	1.02_0	1.17_2	1.64_6	0.08_9	0.74_6	0.29_7	12.8_4	1.03_3	0.13_6	0.00_1	0.00_2
JRRM 709	34.3_8	50.3_5	0.47_6	0.09_1	0.52_4	1.20_8	1.03_8	0.21_6	2.91_6	8.32_2	0.18_4	0.20_2	0.00_2	0.00_9
JRRM 710	5.62_4	82.2_9	1.15_0	3.00_2	0.22_5	0.04_9	1.41_9	0.63_6	1.02_7	2.96_5	1.51_1	0.09_4	0.00_2	0.04_2

Note: The above values show contents after drying for two hours at 110±5℃

Certified Reference Material Series for X-ray Fluorescence Analysis of Refractories
JRRM 801-810 (Series No.1 for Alumina-Magnesia Refractories)

Unit: mass%

Constituent	SiO_2	Al_2O_3	Fe_2O_3	TiO_2	CaO	MgO	Na_2O	K_2O	P_2O_5	Indicated value			
										LOI	MnO	Cr_2O_3	ZrO_2
JRRM 801	0.35$_5$	93.4$_9$	2.00$_9$	0.21$_7$	0.14$_1$	3.26$_1$	0.19$_9$	0.01$_4$	0.00$_2$	0.14$_9$	0.00$_2$	0.00$_3$	0.00$_8$
JRRM 802	3.32$_9$	84.2$_5$	1.03$_5$	1.48$_4$	2.00$_3$	6.31$_2$	0.15$_9$	0.46$_2$	0.95$_7$	0.06$_3$	0.00$_3$	0.00$_2$	0.00$_2$
JRRM 803	0.58$_3$	74.2$_3$	4.90$_4$	2.51$_6$	0.57$_6$	16.2$_0$	0.86$_9$	0.00$_7$	0.01$_7$	0.36$_4$	0.00$_5$	0.00$_2$	0.00$_4$
JRRM 804	5.17$_8$	64.6$_6$	4.02$_0$	0.13$_2$	4.76$_7$	20.8$_4$	0.08$_9$	0.04$_4$	0.11$_1$	0.01$_2$	0.02$_0$	0.01$_0$	0.00$_2$
JRRM 805	2.49$_8$	58.0$_3$	0.73$_2$	1.05$_9$	0.28$_2$	36.0$_4$	0.54$_0$	0.01$_5$	0.68$_2$	0.17$_4$	0.00$_6$	0.00$_1$	0.00$_0$
JRRM 806	0.51$_4$	48.8$_5$	0.16$_5$	0.00$_4$	0.97$_9$	49.4$_3$	0.04$_9$	0.00$_1$	0.04$_8$	0.21$_2$	0.02$_6$	0.00$_6$	0.00$_1$
JRRM 807	0.58$_6$	39.9$_6$	0.32$_3$	0.19$_8$	2.75$_9$	55.0$_7$	0.32$_9$	0.15$_3$	0.53$_0$	0.57$_4$	0.00$_5$	0.00$_2$	0.00$_1$
JRRM 808	0.79$_9$	28.6$_8$	0.56$_5$	0.71$_4$	0.99$_4$	67.0$_1$	0.40$_9$	0.69$_2$	0.22$_9$	0.84$_4$	0.01$_7$	0.00$_1$	0.00$_1$
JRRM 809	0.36$_3$	19.8$_6$	0.11$_5$	2.88$_8$	4.47$_9$	70.1$_1$	0.04$_9$	0.98$_9$	1.06$_8$	0.48$_4$	0.00$_6$	0.00$_1$	0.00$_1$
JRRM 810	4.21$_1$	10.0$_8$	3.11$_8$	1.91$_6$	0.18$_0$	78.9$_6$	0.75$_9$	0.16$_7$	0.51$_3$	0.22$_2$	0.01$_6$	0.00$_4$	0.00$_4$

Note: The above values show contents after igniting for 30 minutes at 1000±25℃.

Certified Reference Material for Carbon Analysis of refractories
JRRM 1001-1009 (Series No.1 for Calibration of Carbon Analyzer)

Unit: mass%

	Certified value		Approximate value									
	C_{Total}	C_{Free}	SiC	LOI	Al	Fe	Ti	Ca	Mg	Si_{Free}	O	N
JRRM 1001 (SiC 100)	29.81	0.04	99.58	—	0.008	0.044	0.0035	<0.001	<0.001	0.06	0.048	0.030
JRRM 1002 (C 5)	5.03	4.98	0.06	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 contents after drying for two hours at 110±5℃

New

Certified Reference Material for Sulfur Analysis of Refractories
JRRM 1101-1106 (Series No.1 for Analyzer for Sulfur Impure Refractories)

Unit: mass%

Component Chemical Symbol	Sulfur S
Number	Certified value
JRRM 1101	0.106
JRRM 1102	0.293
JRRM 1103	1.02
JRRM 1104	1.48
JRRM 1105	2.89
JRRM 1106	4.93

Note: The above values show the contents after drying for two hours at 110±5℃