

Metal and Quality LLC
CERTIFICATE OF ANALYSIS
RM RH02 (PX02)
Steelmaking Slag



APPLICABILITY

RM RH02 (PX02) is intended for calibration of analytical instruments at definition of chemical composition steelmaking slag

MEAN VALUES OF LABORATORIES

Lab. No.	SiO ₂	CaO	MgO	MnO	Al ₂ O ₃	P	FeO	Fe	S	TiO ₂	Cr ₂ O ₃
1	10.1	63.0	3.98	0.027	10.93	0.003	0.21	-	-	-	-
2	14.2	65.4	3.33	0.022	10.95	0.002	-	(0.2)	(0.91)	0.074	(0.030)
3	14.3	65.7	3.22	0.023	11.00	-	-	(0.1)	-	0.066	-
M(M)	(12.9)	64.7	3.51	0.024	10.96	0.0025	(0.21)	(0.15)	(0.91)	0.070	(0.030)
s(M)	-	1.5	0.41	0.003	0.04	-	-	-	-	0.006	-

M(M) - Mean of intralaboratory means

s(M) - Standard deviation of the mean values of laboratories

CERTIFIED

Elements	SiO ₂	CaO	MgO	MnO	Al ₂ O ₃	P	FeO	Fe	S	TiO ₂	Cr ₂ O ₃
Certified Value (Mass fraction in %)	12.9	64.7	3.51	0.024	10.96	0.0025	(0.21)	(0.15)	(0.91)	0.07	(0.03)
Standard Deviation	-	1.5	0.41	0.002	0.04	-	-	-	-	0.006	-

CERTIFICATE VALIDITY

December 2031

SPECIFICATION

RM is made as a powder fraction less than 90 micron

DELIVERY

RM in glass (50 g), packed into a box and the Certificate

STORAGE

The material should be kept in a dry room in the closed bottle

SAFETY

RM PX02 and packing does not contain explosives and radioactive substances and substances which might influence health and the environment

PARTICIPATING LABORATORIES (Ukraine)

Azovstal PJSC

Ilyich Iron and Steel Works of Mariupol PJSC

Dneprospetsstal PJSC

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