

RESEARCH INSTITUTE FOR FERROUS METALLURGY

Budapest XI., Fehérvári út 130.

CERTIFICATE OF ANALYSIS

FOR THE SPECTROMETRIC ADJUSTING STANDARD SAMPLE

"B20"

Area of application: adjusting lower operating points of spectrometers and checked values obtained in the range of „blank values” („background”) on the channels of the individual elements, respectively.

Chemical composition of the spectrometric adjusting standard sample B20 (c, %) and confidence limits of the results ($\pm \Delta c$, %), for a statistical probability level $P = 95$ %.

Symbol of element	c, %	$\pm \Delta c$, %
C	0.008	0,0006
S	0,013	0,001
P	0,012	0,001
Si	0.005	0,001
Mn	0.09	0,003
Cr	0.03	0,003
Ni	0.038	0,004
Cu	0.034	0,002
Mo	(<0.01)	—
Ti	(<0.002)	—
V	(<0.005)	—
Al	(0.01)	—
Co	(<0.01)	—
Pb	(0.002)	—
As	(0.003)	—
Sn	(0.003)	—

Note: The data in brackets represent the average concentrations of elements determined in the samples by a lower number of tests.

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