



SPL-LABMAT s.r.o.

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CERTIFICATE OF CHEMICAL ANALYSIS No 09 – 19

LOW ALLOY STEEL for solid sample spectrometry, combustion and wet-way methods

SPL CM-12C

CERTIFIED VALUES – Mass content in %wt.

Element	Value [%wt.]	Uncertainty [%wt.]
C	0.0389	0.0017
Mn	0.275	0.003
Si	3.770	0.150
P	0.0103	0.0006
S	0.0110	0.0004
Cu	0.175	0.004
Cr	0.081	0.002
Ni	0.046	0.002
Al	0.145	0.005
Mo	0.0128	0.0011

Element	Value [%wt.]	Uncertainty [%wt.]
W	0.004	
V	0.0271	0.0014
Ti	0.0128	0.0004
Co	0.0044	0.0006
As	0.0030	0.0007
Sn	0.0055	0.0010
B	0.0033	0.0002
Nb	0.0066	0.0005
Ca	0.0010	0.0002
N	0.0056	0.0005

PARTICIPATING LABORATORIES:

ARCELORMITTAL, Ostrava, Czech Republic
DUNAFERR LABOR NONPROFIT, Dunaújváros, Hungary
ENVIFORM, Třinec, Czech Republic
GO STEEL, Frýdek-Místek, Czech Republic
INSTITUTE FOR CRM (ICRM), Yekaterinburg, Russia
SES INSPEKT, Tlmače, Slovakia
ŠKODA AUTO, Mladá Boleslav, Czech Republic
U. S. STEEL KOŠICE – LABORTEST, Košice, Slovakia
VÍTKOVICE TESTING CENTER, Ostrava, Czech Republic
VOESTALPINE STAHL DONAWITZ, Leoben-Donawitz, Austria
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