



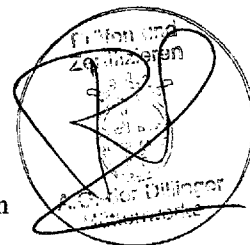
# DILLINGER HÜTTE Laboratory

Laboratory accredited by GAZ, (Association for the Accreditation and Certification GmbH) Attestation no. 91021

## CERTIFIED REFERENCE MATERIAL

SL01-01

Si-Mn



Version: 005    Date of certification: 12.08.04    Sample form: Powder < 0.315 mm

Analyte	Unit	Certified value	Confidence interval (95%)	No. of independent repeated series	Measuring method*
Si	%	17.42	0.04	5	1
Fe	%	10.06	0.07	5	1
Mn	%	69.45	0.10	5	1
P	%	0.110	0.002	5	1
Ti	%	0.183	0.003	5	1
Cr	%	0.032	0.001	5	1
Co	%	0.065	0.002	5	1
Ni	%	0.053	0.003	5	1
Cu	%	0.034	0.002	5	1
B	%	0.034	0.003	5	2, 3
C	%	1.764	0.012	4	4

\* Measuring method

1: X-ray fluorescence spectrometry

2: ICP with optical emission spectrometry

3: Molecular absorption spectroscopy UV/VIS

4: Combustion with coulometric detection