

REFERENCE MATERIAL IR 1748

Low alloy steel

SOLD OUT

LABORATORY MEANS – Mass content in %

Element	C	Si	Mn	P	S	Cr	Ni	As	Co
M_M	0.542	1.482	0.638	0.0130	0.0187	0.633	0.0481	0.0037	0.0054
s_M	0.007	0.039	0.015	0.0016	0.0017	0.014	0.0034	0.0006	0.0005

Element	Cu	N	Nb	Sn	Ti	V	Sb	Zn	Ca
M_M	0.0458	0.0107	0.0005	0.0031	0.0011	0.0043	0.0007	0.0146	0.0006
s_M	0.0017	0.0004	0.0001	0.0005	0.0002	0.0006	0.0002	0.0009	0.0002

Element	Mo	Pb
M_M	0.006	0.00024

Additional information (in µg/g):

Al soluble : 14 - Al insoluble : 8 - B : 2 - Bi ≤ 1 - Cd ≤ 1 - Ga : 10 - Ge : 8 - Mg ≤ 2 - O : 16 - Se ≤ 2 - Ta ≤ 2 - Te : 1 - W : 8 - Zr = 1.4

M_M : Mean of the intralaboratory means

s_M : Standard deviation of the intralaboratory means

The laboratory mean values have been examined statistically to eliminate outlying values.
Values given *in italic* are for information only.

The material is available in the form of a 37mm dia. x 30mm disc.

This Reference Material was prepared by:

INSTITUT DE RECHERCHES DE LA SIDÉRURGIE (IRSID)

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