Prices valid from 2025-02-01

rev. 16

The analysis are according to valid ASTM-methods

Material	Procedure	Dimension	Element	Price Euro
Steel				
Fe1	Complete Steel analysis, best method incl C+S+N	solid sample min 30x30 mm, max 40x40mm, 2-30 mm height	C, Si, Mn, P, S, Cr, Ni, Mo, Ti, Nb, Cu, Co, N, Sn, W, V, Al, Ta, Ca, B, As, Fe	298
Fe2	Complete Steel analysis, best method incl C+S, not N	solid sample min 30x30 mm, max 40x40mm, 2-30 mm height	C, Si, Mn, P, S, Cr, Ni, Mo, Ti, Nb, Cu, Co, Sn, W, V, Al, Ta, Ca, B, As, Fe	264
Fe3	Cast iron, ductile iron white, Leco C	solid sample min 15 mm diameter, min 2 mm height	C, Si, Mn, P, Cr, Ni, Mo, Ti, Cu, Co, Sn, W, V, Al, Ta, Ca, B, As, Fe	172
Fe4	Cast iron, ductile iron white, Leco C+S	solid sample min 15 mm diameter, min 2 mm height	C, Si, Mn, P, S, Cr, Ni, Mo, Ti, Cu, Co, Sn, W, V, Al, Ta, Ca, B, As, Fe	196
Fe5	Cast iron, ductile iron grey, Leco C+S	solid sample min 15 mm diameter, min 2 mm height	C, Si, Mn, P, S,Cr, Ni, Mo, Ti, Cu, Co, Sn, W, V, Al, Ta, Ca, B, As, Fe	261
Fe6	Cast iron, ductile iron Mg	solid sample min 15 mm diameter, min 2 mm height	Mg	57
Fe7	Cast iron grey, ductile iron		Remelting to white structure	66
Fe8	Low alloyed steel OES Leco C+S	solid sample min 15 mm diameter, min 2 mm height	C, Si, Mn, P, S, Cr, Ni, Mo, Ti, Nb, Cu, Co, Sn, W, V, Al, Ta, Ca, B, As, Fe	178
Fe9	Low alloyed steel OES Leco C+S+N	solid sample min 15 mm diameter, min 2 mm height	C, Si, Mn, P, S, Cr, Ni, Mo, Ti, Nb, Cu, Co, Sn, W, V, Al, Ta, Ca, B, As, Fe, N	255
Fe10a	One element from Fe1 - Fe9 (excl C, S and N)			57
Fe10b	One more element according to Fe10a (excl C, S and N)			13
Fe11	Extra sample preparation		Remelting, cutting ... To get samples to fit instruments	66
Fe12	Free C		Cast iron, ductile iron	66
Fe13	C, Carbon		Leco C	42
Fe14	S, Sulfur		Leco S	42
Fe15	N, Nitrogen		N	78
Fe16	O, Oxygen	solid sample min 15 mm diameter, min 2 mm height	O incl sample preparation	123
Fe17	H, Hydrogen	solid sample min 15 mm diameter, min 2 mm height	H (do you need mobile hydrogen, both free and total Hydrogen + Euro 58)	177
Fe18	Trace elements Pb, Bi, Zn, Ag		For each trace element	66
Fe19	Surface carbon			89

Cu1	Analysis Cu-alloys, Brass, Bronze	solid sample min 30x30 mm, max 40x40mm, 2-30 mm height	Al, Si, P, Mn, Fe, Ni, Zn, Sn, Sb, Pb, Cu, Cr, As, Mg, Bi	135
Cu2	Analysis pure Cu incl S, Sulphur	solid sample min 20 mm diameter, min 2 mm height	Cu, Fe, Mn, Cr, Ni, Zn, Pb, Sn, P, Sb, Bi, Cd, Co, S, Ag, As, Se, Te, Zr	264
Cu3	N, Nitrogen		N	78
Cu4	H, Hydrogen		H	177
Cu5	O, Oxygen		O incl sample preparation	171
Cu6a	One element from Cu1			57
Cu6b	One more element according to Cu6a			13
Cu7	Surface carbon			72
Cu8	Extra sample preparation	Remelting, cutting … To get samples to fit instruments		66

Ti1	Analysis Ti-base	solid sample min 30x30 mm, max 40x40mm, 2-30 mm height	Si, Al, Cr, Sn, V, Fe, Cu, Mo, Mn, Nb, Ta, Zr, Ni, Pd, Ti,	125
Ti2	O, Oxygen		O	123
Ti3	N, Nitrogen		N	87
Ti4	H, Hydrogen		H	177
Ti5	C, Carbon		C	42

Al1	Analysis Al-base	solid sample min 20 mm diameter, min 2 mm height	Al, Si, Fe, Cu, Mn, Mg, Cr, Ni, Zn, Ti, V, Pb, Sn, B, Be, Na, Li, Ca, Zr, Ga, P	135
Al2	C, Carbon	solid sample min 15 mm diameter, min 2 mm height	C	42
Al3	O, Oxygen	solid sample min 15 mm diameter, min 2 mm height	O	123
Al4	H, Hydrogen	solid sample min 15 mm diameter, min 2 mm height	H	177

Ni1	Complete analysis Nickel base, incl C+S+N	solid sample min 30x30 mm, max 40x40mm, 2-30 mm height	C, Si, Mn, P, S, Cr, Ni, Mo, Ti, Nb, Cu, Co, N, W, V, Al, Zr, Fe	282
Ni2	Complete analysis Nickel base, incl C+S, not N	solid sample min 30x30 mm, max 40x40mm, 2-30 mm height	C, Si, Mn, P, S, Cr, Ni, Mo, Ti, Nb, Cu, Co, W, V, Al, Zr, Fe	207
Ni3a	One element from Ni1 - Ni2 (excl C, S and N)			57
Ni3b	One more element according to Ni3a (excl C, S and N)			13
Ni4	Extra sample preparation		Remelting, cutting ... To get samples to fit instruments	66
Ni5	C, Carbon		Leco C	42
Ni6	S, Sulfur		Leco S	42
Ni7	N, Nitrogen		N	78
Ni8	O, Oxygen	solid sample min 15 mm diameter, min 2 mm height	O	123
Ni9	H, Hydrogen	solid sample min 15 mm diameter, min 2 mm height	H	177
Ni10	Trace element Pb, Bi, Zn, Ag		For each trace element	66
Ni11	Surface carbon			89

Co1	Complete analysis Cobalt base incl C+S+N	solid sample min 30x30 mm, max 40x40mm, 2-30 mm height	C, Si, Mn, P, S, Cr, Ni, Mo, Ti, Nb, Cu, Co, N, W, V, Al, Zr, Fe	282
Co2	Complete analysis Cobalt base, incl C+S, not N	solid sample min 30x30 mm, max 40x40mm, 2-30 mm height	C, Si, Mn, P, S, Cr, Ni, Mo, Ti, Nb, Cu, Co, W, V, Al, Zr, Fe	207
Co3a	One element from Co1 - Co2 (excl C, S and N)			57
Co3b	One more element according to Co3a (excl C, S and N)			13
Co4	Extra sample preparation		Remelting, cutting ... To get samples to fit instruments	66
Co5	C, Carbon		Leco C	42
Co6	S, Sulfur		Leco S	34
Co7	N, Nitrogen		N	78
Co8	O, Oxygen	solid sample min 15 mm diameter, min 2 mm height	O	123
Co9	H, Hydrogen	solid sample min 15 mm diameter, min 2 mm height	H	177
Co10	Trace element Pb, Bi, Zn, Ag		For each trace element	66

Ox1	Slag samples	Min 10 g	CaO, MgO, SiO2, Al2O3, Fe2O3, MnO, Cr2O3, V2O5, TiO2, Nb2O5, NiO, Na2O, K2O, F, P2O5, SO3, Bas, incl grinding	196
Ox2	Semi-quantitative analysis	Min 10 g	As element or oxides, concentrations higher then 0,1 % elements from Al to U	205
Ox3	Semi-quantitative analysis	Min 10 g	Concentrations 0,001-0,1 % extra/element	13
Ox4	Minerals	Min 10 g		Request price
Ox5	Iron ore	Min 10 g	Al2O3, CaO, Cr2O3, Fe, K2O, MgO,Mn,Na2O,NiO,P,S,SiO2, V2O5,TiO2	281
Ox6	Iron ore + Phase separation	Min 10 g	Same as Ox5 + phases	471

Other1	Carbon separation, TOC, TIC, TC	Min 5 g	Org C, Amorphic, graphite, carbonate, carbide, temp interval 100-1000 ^{OC}	185
Other2	TOC	Min 5 g	Org carbon + elementary carbon 850 ^{OC}	104
Other3	DOC	Min 5 g	Org carbon + elementary carbon 850 ^{OC}	104
Other4	Moistue	Min 5 g	120 ^{OC}	42
Other5	Moisture+OH/Crystal water	Min 5 g	100-1000 ^{OC}	104
Other6	LOI	Min 5 g	1000 ^{OC}	42
Other7	Radioactivity	Solid, powder	Gamma radiation	66
Other8	PMI at customer place		Travel cost + working hour	Request price
Other9	PMI on samples at lab		Confirm material	49
Other10	Density	Min 100 cm^3	Pycnometry	99
Other11	Diffraction	min 5 g	XRD, diffractogram incl evaluation	365
Other12	Volatile matter	Min 10 g	C < 600C or weight decrease after 900 C under Ar.	104
Other13	Grade match		Grade match from chemical analysis	31
Other14	SEM		Microscopic investigation/h	365
Other15	EDS		Microscopic analysis	134

Ferroalloy1	FeCr	Min 50 g	C, Si, P, S, Cr,incl sample prep	274
Ferroalloy2	FeCr + O	Min 50 g	C, Si, P, S, Cr, O incl sample prep	396
Ferroalloy3	FeCr + O + Al	Min 50 g	C, Si, P, S, Cr, O, Al, incl sample prep	452
Ferroalloy4	FeCr + N	Min 50 g	C, Si, P, S, Cr, N incl sample prep	351
Ferroalloy5	Cr-metall	Min 50 g	C, Si, P, S, Cr, incl sample prep	274
Ferroalloy6	FeSi	Min 50 g	Si, Al, Ca, Ti, P, Mn, Cr, C, incl sample prep	270
Ferroalloy7	FeTi	Min 50 g	Al, Pb, Bi, Ti, C incl sample prep	305
Ferroalloy8	FeV	Min 50 g	C, S, P, Si, Al, V incl sample prep	274
Ferroalloy9	FeMo	Min 50 g	C, S, P, Si, Mo, Cu incl sample prep	274
Ferroalloy10	FeMo +O	Min 50 g	C, S, P, Si, Mo, Cu, O incl sample prep	396
Ferroalloy11	FeMn	Min 50 g	Mn, C, Si, P, S incl sample prep	274
Ferroalloy12	Sampling ferroalloys		According to ASTM E32-15	Request price

Contact us if you do not find your application.
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