

Elemental Analysis Consumables Catalogue

(Isotope Grade IG included)



<i>Code</i>	<i>Description</i>	<i>Pack</i>
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CATALYSTS

E10101	CHROMIUM OXIDE	granules	25 g
E10108	COPPER OXIDE 0,7mm	wires	100 g
E10120	COPPER REDUCED 0,7mm	wires-amp	50 g
E10121	COPPER REDUCED 0,7mm	wires-vial	100 g
E10130	COPPER REDUCED PURE 0.7mm	wires-amp	50 g
E10131	COPPER REDUCED PURE 0.7mm	wires-vial	100 g
E10146	NICKEL PLATED CARBON	ampoule	2.5 g
E10152	TUNGSTEN OXIDE	granules	25 g
E10156	TUNGSTEN OXIDE ON Alumina (for Fluorine)	granules	25 g
E10160	SILVERED COBALT OXIDE	granules	25 g
E10184	VANADIUM PENTOXIDE	powder	1 g

SELECTIVE ADSORBENTS

E10504	CHROMOSORB W - AW	80-100 mesh	25 g
E10505	CARBOSORB	0.8-1.4 mm	25 g
E10507	MAGNESIUM PERCHLORATE	6-18 mesh	25 g

INERT PACKING MATERIAL

E10510	NICKEL WOOL		2 g
E10514	QUARTZ WOOL		5 g

REFERENCE STANDARD MATERIAL

		C%	H%	N%	S%	O%
E11001	ACETANILIDE (1g)	71.09	6.71	10.36	-	11.84
E11002	4-FLUOROBENZOIC ACID (1g)	60.01	3.59	-	-	22.84
E11003	UREA (1g)	20.00	6.71	46.63	-	26.64
E11004	ANTHRACENE (1g)	94.34	5.66	-	-	-
E11005	EDTA (1g)	41.09	5.52	9.59	-	43.79
E11007	ATROPINE SULPHATE (1g)	58.77	7.25	4.03	4.62	25.33
E11009	L-CYSTINE (1g)	29.99	5.03	11.66	26.69	26.63
E11012	B-BOT (1g)	72.53	6.09	6.51	7.44	7.43
E11016	BENZOIC ACID (1g)	68.85	4.95	-	-	26.20
E11018	NICOTINIC ACID (1g)	58.54	4.09	11.38	-	-
E11024	1-CI-2,4-DINITROBENZENE (1g)	35.58	1.49	13.83	-	31.60
E11028	SULPHANILAMIDE (1g)	41.85	4.68	16.26	18.62	18.58
E11052-B	LUBRICANT OIL (2g)	82.07	13.62	1.09	3.22	-

REFERENCE STANDARD MATERIALS Accredited vs. NIST Std.

E11001-A	ACETANILIDE (1g)	71.09	6.71	10.36	-	11.84
E11003-A	UREA (1g)	-	-	46.63	-	-
E11009-A	L-CYSTINE (1g)	29.99	5.03	11.66	26.69	26.63

CERTIFIED REFERENCE STANDARD MATERIALS

E11030-C	BUSH, BRANCHES & LEAVES (NS) (2g)	-	-	1.50	0.73	-
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REFERENCE STANDARDS MATERIAL for SOILS

E11035-A	SYNTHETIC MIX. for SOIL #1 (5g)	3.500	-	0.216	-	-
E11036-A	SYNTHETIC MIX. for SOIL #2 (5g)	0.732	-	0.064	-	-
E11037-A	SYNTHETIC MIX. for SOIL #3 (5g)	4.401	-	0.262	-	-
E11038-A	SYNTHETIC MIX. for SOIL #4 (5g)	2.417	-	0.048	-	-
E11039-A	SYNTHETIC MIX. for SOIL #5 (5g)	0.141	-	0.021	-	-

Synthetic Mixtures #1 and #4 include contents of Organic and Inorganic Carbon differentiation:

		Total Organic Carbon	Total Inorganic Carbon
E11035-A	SYNTH. MIX. #1	2.613%	0.887%
E11038-A	SYNTH. MIX. #4	0.328%	2.089%

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GC PACKED COLUMNS

E11501	GC COLUMN SS - 2m	CHNS-CNS-CHN-CN-N	1 pcs
E11515	GC COLUMN SS - 0.8m	Sulphur	1 pcs
E11520	GC COLUMN SS - 1m - 6x5mm	Oxygen	1 pcs

CAPSULES

E12001	TIN CAPSULES	Pressed	3,5x5mm	250 pcs
E12003	TIN CAPSULES	Pressed	3,5x5mm	100 pcs
E12005	TIN CAPSULES	Pressed	5x9mm	100 pcs
E12007	TIN CAPSULES	Pressed	5x9mm	200 pcs
E12010	TIN CAPSULES	Pressed	10x10mm	50 pcs
E12020	TIN CAPSULES	Smooth (liq.)	2x5mm	50 pcs
E12025	TIN CAPSULES	Smooth (liq.)	2,9x6mm	100 pcs
E12050	SILVER CAPS.	Pressed	3,5x5mm	100 pcs
E12055	SILVER CAPS.	Pressed	5x9mm	100 pcs

EMPTY REACTORS

E12509	QUARTZ EMPTY REACTOR - High Thickness	18/6mm	2 pcs
E12510	QUARTZ EMPTY REACTOR - High Thickness	18/18mm	2 pcs

LINERS

E12531	QUARTZ INSERT for 18mm REACTOR	L=220mm	2 pcs
E12532	QUARTZ LINER for ASH REMOVAL	L=245mm	2 pcs

PACKED REACTORS

E13032	PACKED REACTOR 18/6mm	N-PROTEIN	1 pcs
E13036	PACKED REACTOR COMBUST. 18/6mm	CHN/CN/N	1 pcs
E13040	PACKED REACTOR SINGLE 18/6mm	CHNS/CNS/S	1 pcs
E13041	PACKED REACTOR SINGLE 18/6mm	CHN/CN/N	1 pcs
E13042	PACKED REACTOR SINGLE 18/6mm	CHN/CN/N-(F)	1 pcs

TRAPS (Temperated glass - complete with O-R & screw caps)

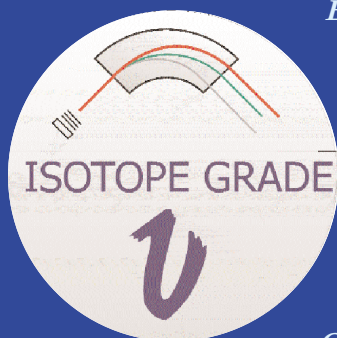
E13501	TRAP 10ml - for (CNS/CN/S) (O)	1 pcs
E13502	TRAP 20ml - for (CNS/CN/S) (O)	1 pcs
E13505	TRAP 35ml - for (CN/N) aqueous solutions	1 pcs
E13506	TRAP 60ml for N-Prot	1 pcs

CONFIGURATION KITS

EA3011/CK	CONFIGURATION KIT for CHNS
EA3012/CK	CONFIGURATION KIT for CNS
EA3013/CK	CONFIGURATION KIT for S
EA3014/CK	CONFIGURATION KIT for CHN
EA3015/CK	CONFIGURATION KIT for O
EA3016/CK	CONFIGURATION KIT for CN
EA3017/CK	CONFIGURATION KIT for N-Prot
EA3022/CK	CONFIGURATION KIT for CHN (Dual)
EA3024/CK	CONFIGURATION KIT for CN (Dual)
EA3025/CK	CONFIGURATION KIT for N (Dual)

CONSUMABLES KITS

K1000-CHNS	KIT for 1000 CHNS ANALYSES
K1000-CHNSO	KIT for 800 CHNS +200 OXYGEN ANALYSES
K800-NProt	KIT for 800 PROTEIN ANALYSES
K400-NProt	KIT for 400 PROTEIN ANALYSES
K1000-CNS	KIT for 1000 CNS ANALYSES
K1000-CHN	KIT for 1000 CHN ANALYSES
K1000-CN	KIT for 1000 CN ANALYSES



EuroVector are leading company linking their EA and HT-PyrOH instruments to Isotope Ratio MS.

EA3024-IRMS model provides combustion application for (CN) (S) and HT-PyrOH allows for (OH) determination using High Temperature Thermal Conversion (HTC) principle.

Since year 2002, EuroVector developed optimised Analytical Protocols and Consumables Kits using Isotope Grade dedicated consumables as listed here below.

E10101-IG	CHROMIUM OXIDE	25 g
E10103-IG	MAX-CHROME CATALYST (Chrome H/D)	25 g
E10104-IG	PYROCATALYST	25 g
E10130-IG	COPPER PURE 0.7mm ampoule for (S)	50 g
E10152-IG	TUNGSTEN OXIDE	25 g
E10516-IG	SILVER WOOL	5 g
E10521-IG	GLASSY CARBON CHIPS	25 g
E11003-IG	UREA - Reference Std. Material for (NC)	1 g
E11012-IG	B-BOT - Reference Std. Material for (S)	1 g
E11017-IG	SUCROSE - Reference Std. Material for (O-H)	1 g
E11517-IG	GC COLUMN SS - 1m - 6x5mm for (S)	1 pcs
E11521-IG	GC COLUMN SS - 1.5m - 6x5mm for (O-H) (H) (O)	1 pcs
E11528-IG	GC COLUMN SS - 0.7m - 6x5mm for (NC)	1 pcs
E12507-IG	CERAMIC EMPTY TUBE (GRINDED) 17/17mm	2 pcs
E12512-IG	MODIFIED QUARTZ REACTOR (H) Liq. 18/6mm - Capil. L=120mm	1 pcs
E12529-IG	GLASSY CARBON REACTOR o.d. =12.5mm, L=400mm	1 pcs
EA207018	CONE FOR GLASSY CARBON REACTOR	1 pcs

The -IG suffix indicates consumables have been specifically manufactured for IRMS application

CONFIGURATION KITS for EA-IRMS

E6062900	CONFIGURATION KIT for (NC) IN SOLIDS
E6062972	CONFIGURATION KIT for (S) IN SOLIDS
E6062973	CONFIGURATION KIT for (O-H) IN SOLIDS
E6062975	CONFIGURATION KIT for (H) IN LIQUIDS
E6062976	CONFIGURATION KIT for (O) IN LIQUIDS

CONSUMABLES KITS for EA-IRMS

E6070957	KIT 1000 for (NC) IN SOLIDS
E6070959	KIT 1000 for (S) IN SOLIDS
E6062979	KIT 1000 (O-H) IN SOLIDS HT
E6062977	KIT 1000 (H) IN LIQUIDS LT
E6062978	KIT 1000 (O) IN LIQUIDS HT

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