



CONSUMABLES

for elemental analyzers

ELTRA offers a wide range of high-quality consumables for elemental analyzers. ELTRA consumables are not only suitable for our own analyzers, but also those of other manufacturers.

In case you are not sure which consumables are required for your application or cannot find what you are looking for, please contact us for a free consultation. One of our application specialists will get into touch with you shortly.

WITH THE LIST BELOW, YOU MAY REQUEST A FREE, NON-BINDING QUOTE.

Please select the items you would like to include by adding them to your inquiry list. You may choose items from any product page.

Your inquiry list will be visible in the upper right corner of the website.

- ⬇ General chemicals, wools and fillings
- ⬇ Consumables for ELTRA CS, CHS and special analyzers
- ⬇ Consumables for ELTRA ONH analyzers
- ⬇ Calibration material for induction furnaces
- ⬇ Calibration materials

GENERAL CHEMICALS, WOOLS AND FILLINGS

GENERAL CHEMICALS, WOOLS AND FILLINGS

90200		Anhydron (magnesium perchlorate), 454 g 1)
90210		Sodium hydroxide, 500 g 1)
90270		Schuetze reagent, 100 g 1)

90289		Copper II oxide, 100 g 1)
88400-0535		Pt/Si catalyst, 15 g
90331		Glass wool, 454 g
90332		Glass wool, 50 g
90340		Cellulose, 50 g
90341		Cellulose, 50 g
90330		Quartz wool, 50 g
92610		Tube of high vacuum grease, 35 g
88400-0122		Filling for carrier gas purification furnace (optional for CS analyzers)
90426-1001		Filling for carrier gas purification furnace (optional for ONH analyzers)
91000-1005		Copper, flakes, 25 g
88400-0508		Steel wool, 454 g
90234		Filling for halogen trap, potassium iodide
90235		Filling for halogen trap, antimony
88600-0021		Copper oxide wire (0.5*2 mm), 100 g (could be used alternatively to Pt/Si catalyst)
88400-0636		Copper Sticks
84000-0638		N Catalyst
88400-0640		Copper turnings
88400-0635		Furnace Reagent

ACCELERATORS FOR THE INDUCTION FURNACE

90220		Tungsten, premium, 2,500 g
90260		Iron accelerator, premium, 908 g
88600-0013		Iron accelerator, high purity, 454 g
88600-0010		Eltracell tungsten-tin accelerator, 750 g
90280		Tin accelerator, 908 g
90240		Copper accelerator, 1392 g

COMBUSTION SUPPORT FOR THE RESISTANCE FURNACE

90840		Quartz sand, 100 g
88600-0008		Combsolid, 100 g

GENERAL TOOLS AND ACCESSORIES

23110		Spatula, 1 piece, M size
23111		Spatula, 1 piece, L size
23113		Spoon, 1 piece, for dosing sample and accelerator in CS series
46245		Boat tray
90145		Tongs for ceramic crucibles and boats, 220 mm 1 piece, for CS series
88400-0213		Tongs for graphite crucibles, 1 piece, for ONH series
88400-0229		Tweezers (160 mm), curved, 1 piece

88400-0472		Tweezers (145 mm), straight, 1 piece
88400-0475		Set with 6 spatula and 1 tweezers, for multiple weighing procedures
88400-0476		Micro spatula, 1 piece, XS size, for filling small capsules

TOOLS FOR STORAGE, TRANSPORTING AND WEIGHING

36121		Quartz boat, 1 piece, 74 x 22 x 10 mm, 1 piece, for weighing pins
71010		Brush, 16 mm, 1 piece, for cleaning balance from dust
88400-0477		Weighing boat, 1 piece, for weighing and usage of granulates
88600-0015		Crucible holder, for storage of crucibles
90146		Steel pot for preheated crucibles and used crucibles
90179		Vacuum pipettes 150 x 3.5 mm, for sampling molten steel, 1000 pieces

TOOLS FOR MAINTENANCE

88400-0473		Powder funnel (plastics), 1 piece, for easy filling of chemical tubes
88400-0489		Rubber plug 14 x 20 x 24 mm, 1 piece, for sealing small glass tubes like 88400-0006
88400-0490		Rubber plug 29 x 35 x 30 mm, 1 piece, for sealing big glass tubes like 09090
71010		Brush, 16 mm, 1 piece, for cleaning balance from dust
88400-0332		Threaded rod M4x150, 1 piece, for removing paper filter holder
88400-0500		Telescope mirror, 1 piece, for inspection of upper electrode of ONH-p/ONH-2000

71032		Composite brush, 1 piece, for cleaning upper electrode of ONH-p furnace
71035		Cleaning brush / furnace brush, 1 piece, for cleaning sample inlet of ONH furnaces
71031		Metal brush, 1 piece, for cleaning graphite tip and its holder
88400-0504		Cylinder brush, brass, for intensive cleaning of lower furnace
88400-0501		Micro brush, 1 piece, for cleaning of ONH series furnace outlet tube

CONSUMABLES FOR ELTRA CS, CHS AND SPECIAL ANALYZERS

CRUCIBLES AND LIDS FOR THE COMBUSTION FURNACE

90149		Ceramic crucibles, premium, Ø 1", foil-wrapped, 1,000 pieces
90148		Ceramic crucibles, premium, Ø 1", bagged, 1,000 pieces
88400-0176		Ceramic filtering crucibles, 100 pieces
88400-0142		Ceramic filtering crucibles, small version, 100 pieces
88600-0014		Ceramic lids, 10 mm hole, 250 pieces
88600-0017		Ceramic lids, 4 mm hole, 1000 pieces
26063		Ceramic crucibles for TGA
26053		Ceramic lid for TGA

BOATS FOR THE RESISTANCE FURNACE

90153		Re-usable ceramic boats, premium, 58 x 22 x 14 mm, 500 pieces
90160		Disposable porcelain boats, 86 x 13 x 10 mm, 1,000 pieces

88600-0011



Re-usable ceramic boats, 95 x 13 x 10 mm, 500 pieces

88400-0502



Re-usable inconel boat, 54 x 18 x 13.5 mm, 1 piece

88400-0503



Re-usable inconel boat, 54 x 18 x 9 mm, 1 piece

36120



Quartz boat, 75 x 16 x 7.5 mm, 1 piece

36121



Quartz boat, 74 x 22 x 10 mm, 1 piece

46160



Combustion boat SurfaceC-800

TOOLS

36216



Combustion boat insertion stick, 1 piece (not suitable for CS-d)

36217



Combustion boat removing stick, 380 mm, 1 piece (not suitable for CS-d)

36216-2001

Combustion boat insertion stick, 1 piece (only for CS-d)

36218-2001

Combustion boat removing stick, 1 piece (only for CS-d)

88400-0499



Safety glasses, 1 piece protection when working with hot furnace

88600-0009



Screen glass with edge guard, 1 piece protection when working with hot furnace

CONSUMABLES & TOOLS FOR CN-R

88400-0637

Ash container for CN-r furnace

88400-0474

Tin foils, small for application of samples

CONSUMABLES FOR ELTRA ONH ANALYZERS

CAPSULES, FOILS AND FLUXES FOR ONH ANALYSIS

90257



Nickel capsules, 3.2x7 mm, 100 pieces

90256		Nickel capsules, 4.5 x 10 mm, 250 pieces
88400-0066		Nickel capsules, pressed, 12.5 x 5 mm, 100 pieces
90252		Tin capsules, 5 x 18 mm, 100 pieces
88400-0474		Tin foil, 36x36 mm, cup form, 200 pieces

BASKETS (REQUIRED FOR OXYGEN AND NITROGEN DETERMINATION IN REFRACTORIES)

90250		Nickel baskets, 100 pieces, 1 g each
88600-0012		Nickel baskets, high purity (low oxygen), 100 pieces, 1 g each

FLUXES (REQUIRED FOR SOME APPLICATIONS)

90251		Tin pellets, 454 g (for determination of hydrogen in titanium)
90800		Graphite, 50 g (improves oxygen determination)
90258		Nickel accelerator, 100 g (for analysis of high amount of refractories)

CRUCIBLES

88400-0471		Graphite crucibles, 400 pieces (recommended for autoloader operation)
90190		Graphite crucibles, 400 pieces (for copper, brass and steel analysis)
90180		Inner graphite crucibles, 100 pieces (requires outer graphite crucible 90185)
90185		Outer graphite crucibles, 50 pieces

CALIBRATION MATERIAL FOR INDUCTION FURNACES

STEEL / CAST IRON

92400-3020  Steel, 150 g, 0.001 – 0.01 % C Details

92400-3030  Steel, 150 g, 0.01 – 0.05 % C Details

92400-3050  Steel, 150 g, 0.1 – 0.2 % C Details

92400-3060  Steel, 150 g, 0.2 – 0.5 % C Details

92400-3061 Steel, 150 g, 0.2 – 0.5 % C Details

92400-3062 Steel, 150 g, 0.2 – 0.5 % C Details

92400-3070  Steel, 150 g, 0.5 – 1.0 % C Details

92400-3090  Cast iron, 150 g, 2.0 – 3.0 % C Details

92400-3091 Cast iron, 150 g, 2.0 – 3.0 % C Details

92400-3100  Cast iron, 150 g, 3.0 – 5.0 % C Details

92400-3101 Cast iron, 150 g, 3.0 – 5.0 % C Details

92400-3102 Cast iron, 150 g, 3.0 – 5.0 % C Details

92400-4005 Steel, 150 g, ~0.05 % S Details

92400-4010 Steel, 150 g, ~0.1 % S Details

92400-4020 Steel, 150 g, ~3 % S Details

STEEL PINS; NOMINAL WEIGHT 1 G

92500-1001 C/S pins, 454 g, ~0.2 %~C

92500-1002 C/S pins, 454 g, ~0.4 %~C

92500-1003 C/S pins, 454 g, ~0.8 %~C

92500-2001 C/S pins, 454 g, ~0.2 % S

TUNGSTEN CARBIDE

90816-3001  Tungsten carbide, 100 g, ~6.1 % C

OTHER CALIBRATION MATERIAL SUITABLE FOR RESISTANCE AND INDUCTION FURNACE

90812-3001



Limestone, 25 g, 0.04 % S

90812-3002



Limestone, 25 g, 0.4 % S

90812-3003 Limestone, 25 g, < 5 % C

90812-3004 Limestone, 25 g, 5 – 10 % C

90817-3001 Soil, 25 g, > 2 % C, S

90817-3002 Soil, 25 g, < 1 % C, S

90817-3003 Soil, 25 g, > 2 % C, S

90817-3004 Soil, 25 g, < 2 % C, < 1 % S

91900-1001



Ore, 30 g, ~1.4 % S

91900-1002



Ore, 30 g, ~4.2 % S

91900-1003 Ore, 30 g, ~3 % S

91900-2001 Zinc sulfide, 50 g, 32 % S

90810



Calcium carbonate, 100 g

90821



Barium sulphate, 50 g

OTHER CALIBRATION MATERIAL ONLY SUITABLE FOR RESISTANCE FURNACE

90710-3010



EDTA, 50 g

90710-3030

Sucrose, 50 g

90824



Sulfanilic acid, 50 g

90700-1040



Calcium oxalate, 50 g

COAL, ONLY SULFUR CERTIFIED

92511-3005

Coal, 50 g, <0.1 % S Details

92511-3010		Coal, 50 g, 0.1 – 0.5 % S Details
92511-3020		Coal, 50 g, 0.5 – 1.0 % S Details
92511-3030		Coal, 50 g, 1.0 – 1.5 % S Details
92511-3040		Coal, 50 g, 1.5 – 2.0 % S Details
92511-3050		Coal, 50 g, 2.0 – 3.0 % S Details
92511-3060		Coal, 50 g, 3.0 – 4.0 % S Details
92511-3070		Coal, 50 g, 4.0 – 5.0 % S Details
92511-3080		Coal, 50 g, >5.0 % S Details

COAL, PREMIUM, C/H/N/S, ASH, VOLATILE CONTENT, CERTIFIED

92550-3010		Coal, premium, 50 g, < 1.0 % S Details
92550-3020		Coal, premium, 50 g, ~ 1 % S Details
92550-3040		Coal, premium, 50 g, 1.0 – 3.0 % S Details
92550-3060		Coal, premium, 50 g, > 3.0 % S Details

COKE, PREMIUM, C/H/N/S, ASH, VOLATILE CONTENT, CERTIFIED

92560-3010		Coke, premium, 50 g Details
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PET COKE, PREMIUM, C/H/N/S, ASH, VOLATILE CONTENT CERTIFIED

92570-3020		Pet coke, 50 g, ~ 1 % S Details
92570-3040		Coal, premium, 50 g, ~ 1 % S Details

CALIBRATION MATERIALS

Calibration materials may show slight variations depending on the current lot.

To see the current certification please visit www.ELTRA.com.

OXYGEN AND NITROGEN IN STEEL, PINS

91100-1001		Steel, 100 pins, 1 g each, 25-40 ppm N Details
91100-1002		Steel, 100 pins, 1 g each, 30-70 ppm N Details
91100-1003		Steel, 100 pins, 1 g each, 150-250 ppm N Details
91100-1005		Steel, 100 pins, 1 g each, 300-600 ppm N Details
91100-1007		Steel, 100 pins, 1 g each, 70-130 ppm N Details
91100-1010		Steel, 100 pins, 1 g each, >1000 ppm N Details
91100-1011		Steel, 100 pins, 1 g each, 600-1000 ppm N Details

HYDROGEN IN STEEL, PINS

91400-1001		Steel, 100 pins, 1 g each, 0.5-1 ppm H Details
91400-1002		Steel, 100 pins, 1 g each, 1.5-4 ppm H Details

HYDROGEN IN STEEL, BALLS

91110		Steel, 100 balls, gold plated, 1 g each, >1.9 ppm H Details
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OXYGEN AND SULFUR IN COPPER, PINS

91000-1003		Copper, 100 pins, 1 g each, ~200 ppm O; 10 – 20 ppm S Details
91000-1004		Copper, 100 pins, 1 g each, ~10 ppm O; 10 – 20 ppm S Details

OXYGEN IN COPPER, PINS

OXYGEN, NITROGEN AND HYDROGEN IN TITANIUM, PINS

91205-1001		Titanium, 100 pins, 0.1 g each, 10-35 ppm H Details
91205-1002		Titanium, 100 pins, 0.1 g each, 20-70 ppm H Details
91205-1003		Titanium, 100 pins, 0.1 g each, 30-90 ppm H Details
91205-1004		Titanium, 100 pins, 0.1 g each, 60-120 ppm H Details
91205-1005		Titanium, 100 pins, 0.1 g each, 150-250 ppm H Details
91205-1006		Titanium, 100 pins, 0.1 g each, 120-150 ppm H Details

HYDROGEN AND CARBON IN TITANIUM, PINS (250 MG)

91305-1001	Titanium, 100 pins, 0.25 g each, < 50 ppm H Details
91305-1002	Titanium, 100 pins, 0.25 g each, 50 – 100 ppm H Details
91305-1003	Titanium, 100 pins, 0.25 g each, > 100 ppm H Details

IRON POWDER

91500-1001	Iron powder, ~1 % O ₂
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www.eltra.com/consumables

ORDER DATA

GENERAL CHEMICALS, WOOLS AND FILLINGS

GENERAL CHEMICALS, WOOLS AND FILLINGS

90200		Anhydron (magnesium perchlorate), 454 g 1)
90210		Sodium hydroxide, 500 g 1)
90270		Schuetze reagent, 100 g 1)
90289		Copper II oxide, 100 g 1)
88400-0535		Pt/Si catalyst, 15 g
90331		Glass wool, 454 g
90332		Glass wool, 50 g
90340		Cellulose, 50 g
90341		Cellulose, 50 g
90330		Quartz wool, 50 g
92610		Tube of high vacuum grease, 35 g
88400-0122		Filling for carrier gas purification furnace (optional for CS analyzers)
90426-1001		Filling for carrier gas purification furnace (optional for ONH analyzers)
91000-1005		Copper, flakes, 25 g

88400-0508		Steel wool, 454 g
90234		Filling for halogen trap, potassium iodide
90235		Filling for halogen trap, antimony
88600-0021		Copper oxide wire (0.5*2 mm), 100 g (could be used alternatively to Pt/Si catalyst)
88400-0636		Copper Sticks
84000-0638		N Catalyst
88400-0640		Copper turnings
88400-0635		Furnace Reagent

ACCELERATORS FOR THE INDUCTION FURNACE

90220		Tungsten, premium, 2,500 g
90260		Iron accelerator, premium, 908 g
88600-0013		Iron accelerator, high purity, 454 g
88600-0010		Eltracell tungsten-tin accelerator, 750 g
90280		Tin accelerator, 908 g
90240		Copper accelerator, 1392 g

COMBUSTION SUPPORT FOR THE RESISTANCE FURNACE

90840		Quartz sand, 100 g
88600-0008		Combsolid, 100 g

GENERAL TOOLS AND ACCESSORIES

23110		Spatula, 1 piece, M size
23111		Spatula, 1 piece, L size
23113		Spoon, 1 piece, for dosing sample and accelerator in CS series
46245		Boat tray
90145		Tongs for ceramic crucibles and boats, 220 mm 1 piece, for CS series
88400-0213		Tongs for graphite crucibles, 1 piece, for ONH series
88400-0229		Tweezers (160 mm), curved, 1 piece
88400-0472		Tweezers (145 mm), straight, 1 piece
88400-0475		Set with 6 spatula and 1 tweezers, for multiple weighing procedures
88400-0476		Micro spatula, 1 piece, XS size, for filling small capsules

TOOLS FOR STORAGE, TRANSPORTING AND WEIGHING

36121		Quartz boat, 1 piece, 74 x 22 x 10 mm, 1 piece, for weighing pins
71010		Brush, 16 mm, 1 piece, for cleaning balance from dust
88400-0477		Weighing boat, 1 piece, for weighing and usage of granulates
88600-0015		Crucible holder, for storage of crucibles
90146		Steel pot for preheated crucibles and used crucibles
90179		Vacuum pipettes 150 x 3.5 mm, for sampling molten steel, 1000 pieces

TOOLS FOR MAINTENANCE

88400-0473		Powder funnel (plastics), 1 piece, for easy filling of chemical tubes
88400-0489		Rubber plug 14 x 20 x 24 mm, 1 piece, for sealing small glass tubes like 88400-0006
88400-0490		Rubber plug 29 x 35 x 30 mm, 1 piece, for sealing big glass tubes like 09090
71010		Brush, 16 mm, 1 piece, for cleaning balance from dust
88400-0332		Threaded rod M4x150, 1 piece, for removing paper filter holder
88400-0500		Telescope mirror, 1 piece, for inspection of upper electrode of ONH-p/ONH-2000
71032		Composite brush, 1 piece, for cleaning upper electrode of ONH-p furnace
71035		Cleaning brush / furnace brush, 1 piece, for cleaning sample inlet of ONH furnaces
71031		Metal brush, 1 piece, for cleaning graphite tip and its holder
88400-0504		Cylinder brush, brass, for intensive cleaning of lower furnace
88400-0501		Micro brush, 1 piece, for cleaning of ONH series furnace outlet tube

CONSUMABLES FOR ELTRA CS, CHS AND SPECIAL ANALYZERS

CRUCIBLES AND LIDS FOR THE COMBUSTION FURNACE

90149		Ceramic crucibles, premium, Ø 1", foil-wrapped, 1,000 pieces
90148		Ceramic crucibles, premium, Ø 1", bagged, 1,000 pieces
88400-0176		Ceramic filtering crucibles, 100 pieces
88400-0142		Ceramic filtering crucibles, small version, 100 pieces

88600-0014



Ceramic lids, 10 mm hole, 250 pieces

88600-0017

Ceramic lids, 4 mm hole, 1000 pieces

26063



Ceramic crucibles for TGA

26053



Ceramic lid for TGA

BOATS FOR THE RESISTANCE FURNACE

90153



Re-usable ceramic boats, premium, 58 x 22 x 14 mm, 500 pieces

90160



Disposable porcelain boats, 86 x 13 x 10 mm, 1,000 pieces

88600-0011



Re-usable ceramic boats, 95 x 13 x 10 mm, 500 pieces

88400-0502



Re-usable inconel boat, 54 x 18 x 13.5 mm, 1 piece

88400-0503



Re-usable inconel boat, 54 x 18 x 9 mm, 1 piece

36120



Quartz boat, 75 x 16 x 7.5 mm, 1 piece

36121



Quartz boat, 74 x 22 x 10 mm, 1 piece

46160



Combustion boat SurfaceC-800

TOOLS

36216



Combustion boat insertion stick, 1 piece (not suitable for CS-d)

36217



Combustion boat removing stick, 380 mm, 1 piece (not suitable for CS-d)

36216-2001

Combustion boat insertion stick, 1 piece (only for CS-d)

36218-2001

Combustion boat removing stick, 1 piece (only for CS-d)

88400-0499		Safety glasses, 1 piece protection when working with hot furnace
88600-0009		Screen glass with edge guard, 1 piece protection when working with hot furnace

CONSUMABLES & TOOLS FOR CN-R

88400-0637	Ash container for CN-r furnace
88400-0474	Tin foils, small for application of samples

CONSUMABLES FOR ELTRA ONH ANALYZERS

CAPSULES, FOILS AND FLUXES FOR ONH ANALYSIS

90257		Nickel capsules, 3.2x7 mm, 100 pieces
90256		Nickel capsules, 4.5 x 10 mm, 250 pieces
88400-0066		Nickel capsules, pressed, 12.5 x 5 mm, 100 pieces
90252		Tin capsules, 5 x 18 mm, 100 pieces
88400-0474		Tin foil, 36x36 mm, cup form, 200 pieces

BASKETS (REQUIRED FOR OXYGEN AND NITROGEN DETERMINATION IN REFRACTORIES)

90250		Nickel baskets, 100 pieces, 1 g each
88600-0012		Nickel baskets, high purity (low oxygen), 100 pieces, 1 g each

FLUXES (REQUIRED FOR SOME APPLICATIONS)

90251		Tin pellets, 454 g (for determination of hydrogen in titanium)
90800		Graphite, 50 g (improves oxygen determination)

90258



Nickel accelerator, 100 g (for analysis of high amount of refractories)

CRUCIBLES

88400-0471

Graphite crucibles, 400 pieces (recommended for autoloader operation)

90190



Graphite crucibles, 400 pieces (for copper, brass and steel analysis)

90180



Inner graphite crucibles, 100 pieces (requires outer graphite crucible 90185)

90185



Outer graphite crucibles, 50 pieces

CALIBRATION MATERIAL FOR INDUCTION FURNACES

STEEL / CAST IRON

92400-3020



Steel, 150 g, 0.001 – 0.01 % C Details

92400-3030



Steel, 150 g, 0.01 – 0.05 % C Details

92400-3050



Steel, 150 g, 0.1 – 0.2 % C Details

92400-3060



Steel, 150 g, 0.2 – 0.5 % C Details

92400-3061

Steel, 150 g, 0.2 – 0.5 % C Details

92400-3062

Steel, 150 g, 0.2 – 0.5 % C Details

92400-3070



Steel, 150 g, 0.5 – 1.0 % C Details

92400-3090



Cast iron, 150 g, 2.0 – 3.0 % C Details

92400-3091

Cast iron, 150 g, 2.0 – 3.0 % C Details

92400-3100



Cast iron, 150 g, 3.0 – 5.0 % C Details

92400-3101

Cast iron, 150 g, 3.0 – 5.0 % C Details

92400-3102	Cast iron, 150 g, 3.0 – 5.0 % C Details
92400-4005	Steel, 150 g, ~0.05 % S Details
92400-4010	Steel, 150 g, ~0.1 % S Details
92400-4020	Steel, 150 g, ~3 % S Details

STEEL PINS; NOMINAL WEIGHT 1 G

92500-1001	C/S pins, 454 g, ~0.2 %~C
92500-1002	C/S pins, 454 g, ~0.4 %~C
92500-1003	C/S pins, 454 g, ~0.8 %~C
92500-2001	C/S pins, 454 g, ~0.2 % S

TUNGSTEN CARBIDE

90816-3001	 Tungsten carbide, 100 g, ~6.1 % C
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OTHER CALIBRATION MATERIAL SUITABLE FOR RESISTANCE AND INDUCTION FURNACE

90812-3001	 Limestone, 25 g, 0.04 % S
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90812-3002	 Limestone, 25 g, 0.4 % S
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90812-3003	Limestone, 25 g, < 5 % C
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90812-3004	Limestone, 25 g, 5 – 10 % C
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90817-3001	Soil, 25 g, > 2 % C, S
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90817-3002	Soil, 25 g, < 1 % C, S
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90817-3003	Soil, 25 g, > 2 % C, S
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90817-3004	Soil, 25 g, < 2 % C, < 1 % S
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91900-1001	 Ore, 30 g, ~1.4 % S
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91900-1002	 Ore, 30 g, ~4.2 % S
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91900-1003	Ore, 30 g, ~3 % S
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91900-2001	Zinc sulfide, 50 g, 32 % S
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90810 Calcium carbonate, 100 g



90821 Barium sulphate, 50 g



OTHER CALIBRATION MATERIAL ONLY SUITABLE FOR RESISTANCE FURNACE

90710-3010 EDTA, 50 g



90710-3030 Sucrose, 50 g

90824 Sulfanilic acid, 50 g



90700-1040 Calcium oxalate, 50 g



COAL, ONLY SULFUR CERTIFIED

92511-3005 Coal, 50 g, <0.1 % S Details

92511-3010 Coal, 50 g, 0.1 – 0.5 % S Details



92511-3020 Coal, 50 g, 0.5 – 1.0 % S Details



92511-3030 Coal, 50 g, 1.0 – 1.5 % S Details



92511-3040 Coal, 50 g, 1.5 – 2.0 % S Details



92511-3050 Coal, 50 g, 2.0 – 3.0 % S Details



92511-3060 Coal, 50 g, 3.0 – 4.0 % S Details



92511-3070 Coal, 50 g, 4.0 – 5.0 % S Details



92511-3080 Coal, 50 g, >5.0 % S Details



COAL, PREMIUM, C/H/N/S, ASH, VOLATILE CONTENT, CERTIFIED

92550-3010		Coal, premium, 50 g, < 1.0 % S Details
92550-3020		Coal, premium, 50 g, ~ 1 % S Details
92550-3040		Coal, premium, 50 g, 1.0 – 3.0 % S Details
92550-3060		Coal, premium, 50 g, > 3.0 % S Details

COKE, PREMIUM, C/H/N/S, ASH, VOLATILE CONTENT, CERTIFIED

92560-3010		Coke, premium, 50 g Details
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PET COKE, PREMIUM, C/H/N/S, ASH, VOLATILE CONTENT CERTIFIED

92570-3020		Pet coke, 50 g, ~ 1 % S Details
92570-3040		Coal, premium, 50 g, ~ 1 % S Details

CALIBRATION MATERIALS

Calibration materials may show slight variations depending on the current lot.

To see the current certification please visit www.ELTRA.com.

OXYGEN AND NITROGEN IN STEEL, PINS

91100-1001		Steel, 100 pins, 1 g each, 25-40 ppm N Details
91100-1002		Steel, 100 pins, 1 g each, 30-70 ppm N Details
91100-1003		Steel, 100 pins, 1 g each, 150-250 ppm N Details
91100-1005		Steel, 100 pins, 1 g each, 300-600 ppm N Details
91100-1007		Steel, 100 pins, 1 g each, 70-130 ppm N Details
91100-1010		Steel, 100 pins, 1 g each, >1000 ppm N Details
91100-1011		Steel, 100 pins, 1 g each, 600-1000 ppm N Details

HYDROGEN IN STEEL, PINS

91400-1001



Steel, 100 pins, 1 g each, 0.5-1 ppm H [Details](#)

91400-1002



Steel, 100 pins, 1 g each, 1.5-4 ppm H [Details](#)

HYDROGEN IN STEEL, BALLS

91110



Steel, 100 balls, gold plated, 1 g each, >1.9 ppm H [Details](#)

OXYGEN AND SULFUR IN COPPER, PINS

91000-1003

Copper, 100 pins, 1 g each, ~200 ppm O; 10 – 20 ppm S [Details](#)

91000-1004



Copper, 100 pins, 1 g each, ~10 ppm O; 10 – 20 ppm S [Details](#)

OXYGEN IN COPPER, PINS

OXYGEN, NITROGEN AND HYDROGEN IN TITANIUM, PINS

91205-1001



Titanium, 100 pins, 0.1 g each, 10-35 ppm H [Details](#)

91205-1002



Titanium, 100 pins, 0.1 g each, 20-70 ppm H [Details](#)

91205-1003



Titanium, 100 pins, 0.1 g each, 30-90 ppm H [Details](#)

91205-1004



Titanium, 100 pins, 0.1 g each, 60-120 ppm H [Details](#)

91205-1005



Titanium, 100 pins, 0.1 g each, 150-250 ppm H [Details](#)

91205-1006

Titanium, 100 pins, 0.1 g each, 120-150 ppm H [Details](#)

HYDROGEN AND CARBON IN TITANIUM, PINS (250 MG)

91305-1001	Titanium, 100 pins, 0.25 g each, < 50 ppm H Details
91305-1002	Titanium, 100 pins, 0.25 g each, 50 – 100 ppm H Details
91305-1003	Titanium, 100 pins, 0.25 g each, > 100 ppm H Details

IRON POWDER

91500-1001	Iron powder, ~1 % O ₂
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