



## РАСХОДНЫЕ МАТЕРИАЛЫ

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.

**НА ЭТОЙ СТРАНИЦЕ ВЫ МОЖЕТЕ ЗАПРОСИТЬ КОММЕРЧЕСКОЕ ПРЕДЛОЖЕНИЕ.**

Пожалуйста, выберите интересующие Вас товары и они будут добавлены в список запроса. Вы можете выбрать товары со страницы каждого прибора. Корзина товаров находится в правом верхнем углу веб-сайта.


Если Вы не уверены в том, что именно Вам нужно, то направьте нам, пожалуйста, **общий запрос**, и мы свяжемся с Вами для уточнения требуемой информации.















- ⬇ 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  Ангидрон (перхлорат магния), 454 г 1)



90210  Гидроксид натрия, 500 г 1)

90270		Реактив Шутца, 100 г 1)
90289		Оксид меди II, 100 г 1)
88400-0535		Pt/Si catalyst, 15 g
90331		Стекловата, 454 г
90332		Стекловата, 50 г
90340		Целлюлоза, 50 г
90341		Целлюлоза, 50 г
90330		Кварцевая вата, 50 г
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		Медь, стружка, 25 г
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		Вольфрам, 2,500 г
90260		Акселератор Железо, 908 г
88600-0013		Акселератор железо высокой чистоты, 454 г
88600-0010		Eltracell tungsten-tin accelerator, 750 g
90280		Акселератор олово, 908 г
90240		Акселератор медь, 1392 г


#### COMBUSTION SUPPORT FOR THE RESISTANCE FURNACE

90840		Кварцевый песок, 100 г
88600-0008		Акселератор Combsolid, 100 г

#### 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  Пинцет (160 мм), скругленный, 1 штука


88400-0472  Пинцет (145 мм), прямой, 1 штука

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  Подставка тигля, 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		Керамические тигли, премиум Ø 1", завернуты в фольгу, 1,000 штук
90148		Керамические тигли, премиум Ø 1", упакованы в пакеты, 1,000 штук
88400-0176		Керамические фильтрующие тигли, 100 штук
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  Никелевая капсула, 3.2x7 мм, 100 штук

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  Никелевая корзинка, 1 г, 100 штук

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  Внешний графитовый тигель, 50 штук


## 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



Карбид вольфрама, 100 г, ~6.1 % C

OTHER CALIBRATION MATERIAL SUITABLE FOR RESISTANCE AND INDUCTION FURNACE

90812-3001



Известняк, 25 г, 0.04 % S

90812-3002



Известняк, 25 г, 0.4 % S

90812-3003 Известняк, 25 г, < 5 % C

90812-3004 Известняк, 25 г, 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



Руда, 30 г, ~1.4 % S

91900-1002



Руда, 30 г, ~4.2 % S

91900-1003 Руда, 30 г, ~3 % S

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

90810



Карбонат кальция, 100 г

90821



Сульфат бария, 50 г

OTHER CALIBRATION MATERIAL ONLY SUITABLE FOR RESISTANCE FURNACE

90710-3010



ЭДТА, 50 г

90710-3030 Sucrose, 50 g

90824



Сульфаниловая кислота, 50 г

90700-1040






Оксалат кальция, 50 г

COAL, ONLY SULFUR CERTIFIED

92511-3005		Уголь, 50 г, <0.1 % S Details
92511-3010		Уголь, 50 г, 0.1 – 0.5 % S Details
92511-3020		Уголь, 50 г, 0.5 – 1.0 % S Details
92511-3030		Уголь, 50 г, 1.0 – 1.5 % S Details
92511-3040		Уголь, 50 г, 1.5 – 2.0 % S Details
92511-3050		Уголь, 50 г, 2.0 – 3.0 % S Details
92511-3060		Уголь, 50 г, 3.0 – 4.0 % S Details
92511-3070		Уголь, 50 г, 4.0 – 5.0 % S Details
92511-3080		Уголь, 50 г, >5.0 % S Details

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

92550-3010		Уголь, премиум, 50 г, < 1.0 % S Details
92550-3020		Уголь, премиум, 50 г, > 1 % S Details
92550-3040		Уголь, премиум, 50 г, 1.0 – 3.0 % S Details
92550-3060		Уголь, премиум, 50 г, > 3.0 % S Details

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

92560-3010		Кокс, премиум, 50 г Details
------------	---	-----------------------------

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

92570-3020 Pet coke, 50 g, > 1 % S Details

92570-3040 Уголь, премиум, 50 г, > 1 % S Details


LIQUID CALIBRATION MATERIAL


CALIBRATION MATERIALS

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

**To see the current certification please visit [www.ELTRA.com](http://www.ELTRA.com).**

OXYGEN AND NITROGEN IN STEEL, PINS

91100-1001  Сталь, столбики 1 г, 100 штук, 25-40 ppm N Details

91100-1002  Сталь, столбики 1 г, 100 штук, 30-70 ppm N Details

91100-1003  Сталь, столбики 1 г, 100 штук, 150-250 ppm N Details

91100-1005  Сталь, столбики 1 г, 100 штук, 300-600 ppm N Details


91100-1007 Сталь, столбики 1 г, 100 штук, 70-130 ppm N Details

91100-1010 Сталь, столбики 1 г, 100 штук, >1000 ppm N Details

91100-1011 Сталь, столбики 1 г, 100 штук, 600-1000 ppm N Details

HYDROGEN IN STEEL, PINS

91400-1001  Сталь, столбики 1 г, 100 штук, 0.5-1 ppm H Details

91400-1002  Сталь, столбики 1 г, 100 штук, 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 Медь, столбики 1 г, 100 штук, ~200 ppm O; 10 – 20 ppm S Details

91000-1004 Медь, столбики 1 г, 100 штук, ~10 ppm O; 10 – 20 ppm S Details



#### OXYGEN IN COPPER, PINS

#### OXYGEN, NITROGEN AND HYDROGEN IN TITANIUM, PINS

91205-1001 Титан, столбики 0,1 г, 100 штук, 10-35 ppm H Details



91205-1002 Титан, столбики 0,1 г, 100 штук, 20-70 ppm H Details



91205-1003 Титан, столбики 0,1 г, 100 штук, 30-90 ppm H Details



91205-1004 Титан, столбики 0,1 г, 100 штук, 60-120 ppm H Details



91205-1005 Титан, столбики 0,1 г, 100 штук, 150-250 ppm H Details



91205-1006 Титан, столбики 0,1 г, 100 штук, 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<sub>2</sub>




[www.eltra.com/consumables](http://www.eltra.com/consumables)

## ИНФОРМАЦИЯ ДЛЯ ЗАКАЗА

### GENERAL CHEMICALS, WOOLS AND FILLINGS

#### GENERAL CHEMICALS, WOOLS AND FILLINGS



90200		Ангидрон (перхлорат магния), 454 г 1)
90210		Гидроксид натрия, 500 г 1)
90270		Реактив Шутца, 100 г 1)
90289		Оксид меди II, 100 г 1)
88400-0535		Pt/Si catalyst, 15 g
90331		Стекловата, 454 г
90332		Стекловата, 50 г
90340		Целлюлоза, 50 г
90341		Целлюлоза, 50 г
90330		Кварцевая вата, 50 г
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		Медь, стружка, 25 г

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		Вольфрам, 2,500 г
90260		Акселератор Железо, 908 г
88600-0013		Акселератор железо высокой чистоты, 454 г
88600-0010		Eltracell tungsten-tin accelerator, 750 g
90280		Акселератор олово, 908 г
90240		Акселератор медь, 1392 г






#### COMBUSTION SUPPORT FOR THE RESISTANCE FURNACE

90840		Кварцевый песок, 100 г
88600-0008		Акселератор Combsolid, 100 г











#### 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		Пинцет (160 мм), скругленный, 1 штука
88400-0472		Пинцет (145 мм), прямой, 1 штука
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		Подставка тигля, 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		Керамические тигли, премиум Ø 1", завернуты в фольгу, 1,000 штук
90148		Керамические тигли, премиум Ø 1", упакованы в пакеты, 1,000 штук
88400-0176		Керамические фильтрующие тигли, 100 штук
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



Никелевая капсула, 3.2x7 мм, 100 штук

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



Никелевая корзинка, 1 г, 100 штук

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



Внешний графитовый тигель, 50 штук

## 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  Карбид вольфрама, 100 г, ~6.1 % C

#### OTHER CALIBRATION MATERIAL SUITABLE FOR RESISTANCE AND INDUCTION FURNACE

90812-3001  Известняк, 25 г, 0.04 % S

90812-3002  Известняк, 25 г, 0.4 % S

90812-3003 Известняк, 25 г, < 5 % C

90812-3004 Известняк, 25 г, 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  Руда, 30 г, ~1.4 % S

91900-1002  Руда, 30 г, ~4.2 % S

91900-1003 Руда, 30 г, ~3 % S

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

90810



Карбонат кальция, 100 г

90821



Сульфат бария, 50 г

OTHER CALIBRATION MATERIAL ONLY SUITABLE FOR RESISTANCE FURNACE

90710-3010



ЭДТА, 50 г

90710-3030

Sucrose, 50 g

90824



Сульфаниловая кислота, 50 г

90700-1040



Оксалат кальция, 50 г

COAL, ONLY SULFUR CERTIFIED

92511-3005

Уголь, 50 г, <0.1 % S [Details](#)

92511-3010



Уголь, 50 г, 0.1 – 0.5 % S [Details](#)

92511-3020



Уголь, 50 г, 0.5 – 1.0 % S [Details](#)

92511-3030



Уголь, 50 г, 1.0 – 1.5 % S [Details](#)

92511-3040



Уголь, 50 г, 1.5 – 2.0 % S [Details](#)

92511-3050



Уголь, 50 г, 2.0 – 3.0 % S [Details](#)

92511-3060



Уголь, 50 г, 3.0 – 4.0 % S [Details](#)

92511-3070



Уголь, 50 г, 4.0 – 5.0 % S [Details](#)


92511-3080



Уголь, 50 г, >5.0 % S [Details](#)

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

92550-3010 Уголь, премиум, 50 г, < 1.0 % S Details

92550-3020  Уголь, премиум, 50 г, > 1 % S Details

92550-3040  Уголь, премиум, 50 г, 1.0 – 3.0 % S Details

92550-3060  Уголь, премиум, 50 г, > 3.0 % S Details

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

92560-3010  Кокс, премиум, 50 г Details

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

92570-3020 Pet coke, 50 g, > 1 % S Details

92570-3040 Уголь, премиум, 50 г, > 1 % S Details


LIQUID CALIBRATION MATERIAL


## CALIBRATION MATERIALS

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

**To see the current certification please visit [www.ELTRA.com](http://www.ELTRA.com).**

OXYGEN AND NITROGEN IN STEEL, PINS

91100-1001  Сталь, столбики 1 г, 100 штук, 25-40 ppm N Details

91100-1002  Сталь, столбики 1 г, 100 штук, 30-70 ppm N Details

91100-1003  Сталь, столбики 1 г, 100 штук, 150-250 ppm N Details

91100-1005  Сталь, столбики 1 г, 100 штук, 300-600 ppm N Details


91100-1007 Сталь, столбики 1 г, 100 штук, 70-130 ppm N Details

91100-1010 Сталь, столбики 1 г, 100 штук, >1000 ppm N [Details](#)

91100-1011 Сталь, столбики 1 г, 100 штук, 600-1000 ppm N [Details](#)

#### HYDROGEN IN STEEL, PINS

91400-1001  Сталь, столбики 1 г, 100 штук, 0.5-1 ppm H [Details](#)


91400-1002  Сталь, столбики 1 г, 100 штук, 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 Медь, столбики 1 г, 100 штук, ~200 ppm O; 10 – 20 ppm S [Details](#)


91000-1004  Медь, столбики 1 г, 100 штук, ~10 ppm O; 10 – 20 ppm S [Details](#)


#### OXYGEN IN COPPER, PINS

#### OXYGEN, NITROGEN AND HYDROGEN IN TITANIUM, PINS

91205-1001  Титан, столбики 0,1 г, 100 штук, 10-35 ppm H [Details](#)

91205-1002  Титан, столбики 0,1 г, 100 штук, 20-70 ppm H [Details](#)

91205-1003  Титан, столбики 0,1 г, 100 штук, 30-90 ppm H [Details](#)

91205-1004  Титан, столбики 0,1 г, 100 штук, 60-120 ppm H [Details](#)

91205-1005  Титан, столбики 0,1 г, 100 штук, 150-250 ppm H [Details](#)

91205-1006 Титан, столбики 0,1 г, 100 штук, 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<sub>2</sub>