

آخرين ويرايش : خردادماه ۱۴۰۲



# PRODUCTS LIST VIRACHEMISTS

LAST EDITION : JUNE 2023

# کاتالوگ محصولات

## شیمی دانان ویرا

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## Immunoaffinity columns

## ستون های ایمونوآفینیتی

- \* IAC ImmunoClean C AFLA M1 3ml Aokin
- \* IAC ImmunoClean C AFLA TOTAL 3ml Aokin
- \* IAC ImmunoClean C AFLA TOTAL 3ml Aokin
- \* IAC ImmunoClean C DON 3ml Aokin
- \* IAC ImmunoClean C FUM 3ml Aokin
- \* IAC ImmunoClean C OTA 3ml Aokin
- \* IAC ImmunoClean C ZON 3ml Aokin

## Mycotoxins standards

## استانداردهای مایکوتوکسین ها

- \* AFLATOXIN M1 0.5ug/ml in ACN Aokin
- \* AFLATOXINS mix B1,G1=2000, B2,G2=500 ng/ml in ACN Aokin
- \* DEOXYNIVALENOL 100ug/ml in ACN Aokin
- \* FUMONISIN mix B1=100, B2=50 ug/ml in AcN:H2O Aokin
- \* OCHRATOXIN 10ug/ml in ACN Aokin
- \* ZEARELENONE 100ug/ml in ACN Aokin
- \* PATULIN 100ug/ml in ACN Aokin
- \* AFLATOXIN B1 SOLID STANDARD Aokin
- \* AFLATOXIN B2 SOLID STANDARD Aokin
- \* AFLATOXIN G1 SOLID STANDARD Aokin
- \* AFLATOXIN G2 SOLID STANDARD Aokin
- \* DEOXYNIVALENOL SOLID STANDARD Aokin
- \* OCHRATOXIN A SOLID STANDARD Aokin
- \* ZEARELENON SOLID STANDARD Aokin



## Pesticides standards

## استانداردهای آفت کش ها

- \* Pesticide Standard 61 Compound Mix 20ug/ml in Acetonitrile Reagecon
- \* Pesticide Standard 69 Compound Mix 20ug/ml in Acetonitrile LabMix24
- \* GB23200.113-2018 GROUP B 105 PESTICIDE 10ug/ml in EA 1mL Dr.Ehrenstorfer
- \* PESTICIDE Single Column Analytes Mix4 2000ug/ml in Toluene/Hexane 1ml Dr.Ehrenstorfer
- \* GB23200.121-2021 Pesticide Mixture 7 50 µg/mL in Acetonitrile 1mL Dr.Ehrenstorfer
- \* 2-PHENYLPHENOL 10mL 10ug/mL Dr.Ehrenstorfer
- \* ANALYTICAL STANDARD 1,2-DICHLOROETHANE 1ml LGC
- \* TRIPHENYL PHOSPHATE Analytical Standard 1000mg SIGMA-ALDRICH(Supelco)
- \* Triphenyl Phosphate Solution 50ug/ml in Acetonitril VIRA

## Heavy metals standards

## استانداردهای فلزات سنگین

- \* ARSENIC SOLUTION 1000mg/L in 1M HCL Reagecon
- \* Cadmium Solution 1000ug/ml 250ml SIGMA ALDRICH
- \* LEAD SOLUTION 1000mg/L in 0.5M HNO3 Reagecon
- \* MERCURY SOLUTION 1000mg/L in 0.5M HNO3 Reagecon

## Vitamins standards

## استانداردهای ویتامین ها

- \* Biotin (Vitamin B7) 500MG SIGMA-ALDRICH(SUPELCO)
- \* Cholecalciferol (Vitamin D3) 100MG SIGMA-ALDRICH(SUPELCO)
- \* Cyanocobalamin (Vitamin B12) 100MG SIGMA-ALDRICH(SUPELCO)
- \* Nicotinic acid (Vitamin B3) 1000MG SIGMA-ALDRICH(SUPELCO)
- \* Retinyl palmitate (Vitamin A) 1G SIGMA-ALDRICH (SUPELCO)



## PAH, PCB and FAME standards

## استانداردهای PAH, PCB و FAME

- \* PAH Calibration Mix 10µg/mL each component in acetonitrile 1ml Supelco
- \* PCB No. 28,52,101,138,153,180 Solution in Isooctane 2ml SIGMA-ALDRICH(Supelco)
- \* Fatty Acid Methyl Ester (FAME) 37 Neat Compound SIGMA ALDRICH
- \* Methyl Cis-11-Eicosenoate (C20:1), 25MG Analytical standard SIGMA-ALDRICH
- \* Methyl Cis-13-Docosenoate (C22:1), 1ML Analytical standard SIGMA-ALDRICH
- \* Cis- 5,8,11,14,17-Eicosapentaenoic Acid Methyl Ester (C20:5), 1ML Analytical standard, SIGMA-ALDRICH
- \* METHYL ARACHIDATE (C20:0), 1G Analytical standard SIGMA-ALDRICH
- \* METHYL BEHANATE (C22:0), 1G Analytical standard SIGMA-ALDRICH
- \* Methyl TETRACOSANOATE (C24:0),250MG Analytical standard SIGMA-ALDRICH

## Tea and coffee standards

## استانداردهای چای و قهوه

### Sweeteners and preservatives standards

### استانداردهای شیرین کننده ها و نگهدارنده ها

- \* CAFFEINE 100mg CRM SIGMA-ALDRICH(Supelco)
- \* CAFFEINE 5g ReagentPlus SIGMA-ALDRICH
- \* GREEN TEA CATECHIN MIX 1mL CRM 100ug/mL SIGMA ALDRICH(SUPELCO)
- \* ACESULFAME K 25g for Food Analysis, ≥99.0% SIGMA-ALDRICH(Supelco)
- \* SODIUM BENZOATE, 25G SIGMA-ALDRICH(Supelco)
- \* ASPARTAME 500mg Analytical Standard SIGMA-ALDRICH(Supelco)
- \* POTASSIUM SORBATE 1000mg Analytical Standard SIGMA-ALDRICH(Supelco)
- \* SACCHARIN 1g ≥99% SIGMA-ALDRICH



## Other standards

## سایر استانداردها

- \* N-nitrosodiethanolamine 500mg SIGMA-ALDRICH
- \* MELAMINE ANALYTICAL STANDARD 99% 250mg SIGMA-ALDRICH(Supelco)
- \* PARABEN TARGET ANALYTE MIX SOLUTION 5mL SIGMA ALDRICH(SUPELCO)
- \* N-(1-NAPHTHYL)ETHYLENE-DIAMINE DIHYDROCHLORIDE 5g GR for Analysis MERCK
- \* SULFANILAMIDE 100g Puriss. p.a., ≥99% SIGMA-ALDRICH

## Mycotoxins reference materials

## مواد مرجع مایکوتوکسین ها

- \* QCM- AFLATOXIN B&G in MAIZE FLOUR
- \* QCM-AFLATOXIN B&G in Cereal/Cereal-based Matrix
- \* QCM- AFLATOXIN B&G in NUTS
- \* QCM- AFLATOXIN M1 in MILK POWDERED
- \* QCM- AFLATOXIN TOTAL & OCHRATOXIN A & FUMONISIN TOTAL in CORN
- \* QCM- AFLATOXIN TOTAL in ANIMAL FEED
- \* QCM- DEOXYNIVALENOL in CEREALS BASED
- \* QCM- FUMONISIN in CORN
- \* QCM- OCHRATOXIN A in BARLEY FLOUR
- \* QCM- OCHRATOXIN A in MAIZE FLOUR
- \* QCM- OCHRATOXIN A in Cereal/Cereal-based Matrix
- \* QCM- OCHRATOXIN A in COFFEE POWDERED
- \* QCM- Ochratoxin A (OTA) in roasted coffee
- \* QCM- ZEARALENONE in CEREALS
- \* QCM- AFLATOXIN M1 in RAW MILK
- \* QCM- ZEARALENON in GROUND CORN



## Heavy metals reference materials

## مواد مرجع فلزات سنگین

- \* QCM- HEAVY METALS in COSMETICS
- \* QCM- HEAVY METALS in BROWN RICE
- \* QCM- HEAVY METALS in CANNED FISH
- \* QCM- HEAVY METALS in TEA(DRIED)
- \* QCM- HEAVY METALS in TOMATO PATE
- \* QCM- HEAVY METAL in CANNED FOOD
- \* QCM- Heavy Metals in Baby Food Quality Control Material
- \* QCM- Heavy Metals in Barley Flour Quality Control
- \* QCM- Heavy Metals in Powdered Rice Quality Control Material
- \* QCM- Heavy Metals in Honey Quality Control
- \* QCM- Vegetable Oil (Heavy metals)
- \* QCM- MELAMINE in ANIMAL FEED (CEREAL BASED)
- \* QCM- TRACE ELEMENTS in DIETRARY SUPPLEMENT

## Nutrients reference materials

## مواد مرجع مواد مغذی

- \* QCM- Carbohydrates/vitamins-Infant food
- \* QCM- NUTRITIONAL COMPONENTS in MILKSHAKE POWDER
- \* QCM- NUTRITIONAL COMPONENTS in WHEAT FLOUR
- \* QCM- NUTRITIONAL COMPOUND in CEREAL(POWDERED)
- \* QCM- NUTRITIONAL COMPOUND in DAIRY RATION
- \* QCM- NUTRITIONAL COMPOUND in INFANT FOOD
- \* QCM- Vitamin C in Fruit Purée



## Physicochemical reference materials

## مواد مرجع فیزیکیوشیمیایی

- \* QCM- VOLATILE BASIC NITROGEN (TVB-N) in CANNED FISH
- \* QCM- PHYSICOCHEMICAL ANALYSIS in FLOUR
- \* QCM- PHYSICOCHEMICAL ANALYSIS in CANNED SAUSAGE
- \* QCM- FOOD INGREDIENTS in DRIED APPLE
- \* QCM- PHYSICOCHEMICAL ANALYSIS in RAW MILK
- \* QCM- CHEMICAL PARAMETER in MILKE
- \* QCM- SO2 in DRIED FRUITS
- \* QCM- TVB-N in CANNED FISH
- \* QCM- PHYSICOCHEMICAL in ANIMAL FEED
- \* QCM- PHYSICOCHEMICAL in WHOLE MILK POWDER
- \* QCM- PHYSICOCHEMICAL in SKIMMED MILK POWDER
- \* QCM- Fat reduced milk powder-spray dried
- \* QCM- Whey powder

## Soil, Fertilizer, Allergens authenticity, PAH, Melamine, Fatty acid profile, Veterinary drugs, Reference Materials

## مواد مرجع خاک، کود، PAH، آلرژن ها اصالت سنجی، ملامین، FAME، داروهای دامی

- \* QCM- MINERAL FERTILIZER
- \* QCM- PAH in REFINED OIL
- \* QCM- HISTAMIN in CANNED FISH
- \* QCM- GMO in MAIZE/SOYA
- \* QCM- MELAMINE in MILK POWDER
- \* QCM- FATTY ACIDS in OIL
- \* QCM- SULFONAMIDES in LIVER





## residues of veterinary drugs, antibiotics Reference Materials

مواد مرجع باقیمانده داروهای  
دامی و آنتی بیوتیک ها

- \* QCM- ILLEGAL DYES in AQUATIC TISSUES
- \* QCM- NITROFURANES in ANIMAL PRODUCT
- \* QCM- SULFONAMIDES in ANIMAL TISSUES
- \* QCM- CHLORAMPHENICOL in MILK

## Preservatives Reference Materials

مواد مرجع نگهدارنده ها

- \* QCM- PRESERVATIVES in COSMETICS
- \* QCM- PRESERVATIVES IN COSMETICS
- \* QCM- FOOD ADDITIVE and INGREDIENTS in FLOUR PRODUCTS
- \* QCM- NITRATE in VEGTABLE & FRUITE

## QuEChERS Kits – SPE columns

ساشه های کچرز – ستون های فاز جامد

- \* QuEChERS dSPE Clean-up Kit for Cereal and Citrus CCS VIRACHEMISTS VK2003
- \* QuEChERS dSPE Clean-up Kit for General Fruits and Vegetables GCS VIRACHEMISTS VK2002
- \* QuEChERS dSPE Clean-up Kit for highly Pigmented Fruits and Vegetables VCS2 VIRACHEMISTS VK2005
- \* QuEChERS dSPE Clean-up Kit for Pigmented Fruits and Vegetables VCS1 VIRACHEMISTS VK2004
- \* QuEChERS Extraction Buffer Kit VIRACHEMISTS VK2001
- \* SPE Column DONSPE VIRACHEMIST VS3001
- \* C18 SPE CARTRIDGE 200mg/3mL BIOCOMMA
- \* PH SPE CARTRIDGE 500mg/3mL BIOCOMMA



## General Lab Supplies

## عمومی آزمایشگاهی

- \* FILTER PAPER 185mm No.1 Whatman
- \* BLATT FEELR GAUGE 0.05-1mm
- \* BLOCK LEVEL 200mm INSIZE 4901-200
- \* Flow Control Valves biocomma CS002
- \* SYRINGE 25ul HAMILTON MICROLITER #702
- \* IAC-Adapter Aokin LB-08-15-05
- \* VERNIER CALIPER 0-150mm
- \* HEATING MANTLE SHINE SEONG SHMP-F200
- \* Adapter for 1/3/6/12 ml cartridges
- \* LOOP HANDLE For Microbiology
- \* TLC TANK for 20\*20 sheets CAMAG



## Syringe Filters – Filter Papers

## فیلترهای سرسرنگی – کاغذهای صافی GFA

- \* SYRINGE FILTER CA /13mm/0.22um/hydrophilic Biocomma SF130-22-CA
- \* SYRINGE FILTER Nylon /25mm/0.45um/Organic Biocomma SF250-45-NL
- \* SYRINGE FILTER PTFE /13mm /0.45um/Organic Biocomma SF130-45-PTFE
- \* SYRINGE FILTER PTFE /13mm/0.22um/hydrophilic Biocomma SF130-22-PTFE-HL
- \* SYRINGE FILTER PTFE /13mm/0.45um/hydrophilic Biocomma SF130-45-PTFE-HL
- \* SYRINGE FILTER PTFE /25mm/0.22um/hydrophilic Biocomma SF250-22-PTFE-HL
- \* SYRINGE FILTER PTFE /25mm/0.22um/Organic Biocomma SF250-22-PTFE
- \* SYRINGE FILTER PTFE /25mm/0.45um/hydrophilic Biocomma SF250-45-PTFE-HL
- \* GLASS MICROFIBER Discs GFA MGA 240mm 50QTY SARTORIUS FT-3-1101-240 PUNCHED
- \* GLASS MICROFIBER FILTERS GF/A 110mm 100Circles Whatman 1820-110 PUNCHED



## Primary Chemicals

## مواد شیمیائی اولیه

- \* SPE BULK SORBENT FLORISIL-PR 25gr Agilent
- \* SPE BULK SORBENT C18 BIOCOMMA
- \* SPE BULK SORBENT GCB BIOCOMMA
- \* SPE BULK SORBENT PSA 100gr Agilent
- \* SPE BULK SORBENT PSA BIOCOMMA
- \* ENDCAPED SPE BULK SORBENT C18 25gr Agilent
- \* AMMONIUM FORMATE 25g SIGMA-ALDRICH
- \* TLC SILICA GEL 60 25 ALUMINIUM SHEETS 20 X 20 CM MERCK 105553

## Vials, Caps, Inserts

## ویال و اجزاء وابسته به آن

- \* Screw Thread Blue Caps Polypropylane Red PTFE/White Silicone Septa 9-425 Biocomma SC2-2
- \* Screw Thread Caps Black White PTFE/Red Silicone Septa 4ml Biocomma SC6-1
- \* Screw-thread Vials with Write-on-Spot 10ml Biocomma V9-10A
- \* Screw-thread Vials with Write-on-Spot 9-425 2ml Biocomma V2-AL
- \* Screw-Thread Vials Write-on-Spot 13-425 4ml Biocomma V6-A
- \* Black Screw Thread Caps PTFE/Silicone Septa, Close Top Biocomma SC9-5
- \* CAP Screw For 2ml VIAL
- \* CAP Screw For 4ml VIAL
- \* Snap-Top Cap White PTFE/Red Silicone Septa 6 mm hole Biocomma SC4-6
- \* Snap-top VIAL with Write-on spot 11mm 2 ml Amber Biocomma V4-AL
- \* VIAL Glass Screw Cap 4ml Clear CNW 3034013
- \* VIAL Glass Screw Top 1.5ml Clear Agilent 5182-0714
- \* VIAL PP 14\*45mm Sunsri 501363



## Vials, Cap, Insert

## ویال و اجزاء وابسته به آن

- \* Crimp Top Aluminum Caps White PTFE/Red Silicone Septa 2ml Biocomma SC5-1
- \* Crimp-top Vials with Write-on-Spot 11mm 2ml Biocomma V5-AL
- \* Flat-Bottom Glass Inserts for 8-425 Screw Thread vials 250uL Biocomma SI-3
- \* Flat-Bottom Glass Inserts for 9-425 Screw Thread vials 300uL Biocomma SI-4
- \* Glass Inserts with Mandrel Interior and Polypropylene feet for 9-425 Screw Thread Vials Biocomma SI-2

## Mycotoxins Specialized Equipment

## تجهیزات تخصصی مایکوتوکسین ها

- \* Clean up Stand with Air Pump VIRACHEMISTS
- \* EXTRACTION Stand with VIRACHEMISTS
- \* Slurry Machine for Sample preparation VIRACHEMISTS
- \* Post Column Derivatisation UV-CELL VIRACHEMISTS



## Chromatography Equipment

## تجهيزات کروماتوگرافی

- \* ASSY DIFFUSER Waters WAT007272
- \* ASSY LOWER SEAL WASH AND TUBE Waters 289000549
- \* ASSY TUBING RESTRICTOR LOOP Waters WAT430001336
- \* BALL VALVE 1/8 inch Agilent 0100-2144
- \* CAPILLARY 0.17\*90mm 1/16 in MALE Agilent G1316-87300
- \* CARTRIDGE NUT INTEGRAL Waters WAT045910
- \* CI FILAMENT For 5973MSD Agilent G1099-80053
- \* COLUMN Hanger for 7890 Agilent 1460-1914
- \* COLUMN NUT FITTING Agilent 05988-20066
- \* CONVOLUTED TUBING PTFE 1/4 id Waters WAT241095
- \* CP2 SILVER SEAL Agilent 5182-9763
- \* CPU for FLD 474 WATERS 5691-0203
- \* Cu TUBING COIL 1/8" OD x 250cm Agilent G1530-61100
- \* FACE SEAL Waters WAT270163
- \* FERRULE 1/16 ANNEALED Waters WAT022330
- \* FERRULE 1/8in TEFZEL WATERS WAT046-01
- \* FERRULE INJECTOR NEEDLE WATERS 410001125
- \* FERRULES Graphpack-3D for Inserts Agilent 5182-9749
- \* FITTING ADAPTER Waters WAT031874
- \* FITTING STAINLESS STEEL Waters WAT025604
- \* FTG BARBED ELBOW Polypropylen Waters WAT270797
- \* FUSE 3.15A (250V, 5 x 20mm) Waters 700001800



## Chromatography Equipment

## تجهيزات کروماتوگرافی

- \* FUSE 4A 5\*20 mm Waters WAT165-17
- \* FUSE 5A 250V Waters WAT005116
- \* GOLD SEAL OUTLET for PUMP Agilent 50013707
- \* GRAPHPACK NUT for CIS Agilent 5062-3525
- \* GUARD COLUMN Waters WAT046895
- \* GUARD HOLDER Waters WAT024568
- \* HPLC LOOP 20 L Waters WAT03403
- \* HPLC LOOP 717 2.4ml Waters WAT078996
- \* INLET MAN REBUILD KIT Waters WAT060448
- \* INSERTION TOOL KIT Waters WAT024765
- \* NEEDLE COMPRESSION SCREW Waters WAT035197
- \* NEEDLE INJECTOR MP-35N Waters 405001338
- \* NEEDLE WASH FILTER Waters 415000230
- \* NEEDLE Waters WAT033275
- \* NEEDLES Replacement 10ul 23/26 Agilent 5181-3319
- \* NUT Internal CFT Capillary Fitting Agilent G2855-20530
- \* O-RING for COLUMN Waters WAT023401
- \* O-RING SEAL Waters WAT088747
- \* O-RING Waters WAT088752
- \* PISTON SEAL For 1100/200 PUMP Agilent 5063-6589
- \* PLUG For Microfluidic Manifold or Union Agilent G2855-60570
- \* PLUNGER BEARING Waters WAT088749



## Chromatography Equipment

## تجهيزات کروماتوگرافی

- \* PLUNGER KIT& ROD Waters WAT031788
- \* PLUNGER Replacement 10ul Syringe Removable Agilent 5181-3358
- \* PLUNGER SEAL BLACK JAYTEE JT26613
- \* PLUNGER SPRING (M616/625/626 ) Waters WAT023058
- \* POLYPROPYLENE TEE Waters WAT031873
- \* PTV Liner Multi Baffle 1.8 mm ID 150 mL Agilent 5183-2037
- \* PUMP START\_UP Kit Agilent G1311-68710
- \* QUICKSWAP Assembly Inert Agilent 3185-60065
- \* QUICKSWAP Restrictor 0.100 mm Id Agilent G3185-60362
- \* QUICKSWAP Restrictor 0.110 mm Id Agilent G3185-60363
- \* RET RING Waters WAT025654
- \* RETAINER FILTER Waters 405001171
- \* RHEBUILT KIT For 77502999 Agilent 0101-1257
- \* SAPPHIRE PISTON for 1100/1200 PUMP Agilent 5063-6586
- \* SCREW COMPRESSION NEDDLE Waters WAT078739
- \* SCREW COMPRESSION Waters WAT025313
- \* SEAL forming/insertion tool kit JAYTEE 10-10-02695
- \* SEAL PLUNGER 1/8 upc WATERS WAT022939
- \* SEAL PLUNGER GOLD EF Waters WAT026644
- \* SEAL PLUNGER WASH WATERS WAT023057
- \* SEAL WASH INJECTOR SPACER UPPER Waters WAT031957



## Chromatography Equipment

## تجهيزات كروماتوگرافی

- \* SEAL WASH TUBES Waters WAT270668
- \* SLOW BLOW FUSE 1/2 A Waters WAT042091
- \* Swaging nut, Ultimate Union and QuickSwap Agilent G2855-20555
- \* SYRINGE 10ul T/FN/PTFE Tip 23-26s/42/HP Agilent 5181-3354
- \* SYRINGE 2.5 ml Combi PAL KIT HS CTC-PAL-SYRS 2.5ml
- \* TEFLON WASHER Waters WAT077321
- \* TOOL INSERT WASH SEAL Waters WAT031872
- \* TUBE 125\*25 FEP/TYGON Waters WAT079754
- \* TUBE CUT SEAL WASH INJECTOR Waters WAT031956
- \* TUBE TFE.058X\*080X Waters WAT051053
- \* TUBING TEFLON AWG THIN WALL Waters WAT024036
- \* TURN TOP INLET WRENCH Agilent G3452-20512
- \* UNION 1/4 BRASS Agilent 0100-0127
- \* UNION, 1/4 inch Brass Agilent 5180-4128
- \* UNION 1/8in BARBED MALE Waters WAT410000781
- \* WASH SEAL KIT, 100ul Waters WAT031875
- \* WASHER Tray Bracket Insulating Agilent G4514-20529
- \* WASHR Waters WAT026572
- \* Inlet septa, bleed and temperature optimized (BTO), non-stick, 11 mm, 50/pk, for 5880, 5890, 4890, 6850, 6890, 7890 GCs, Maximum Temperature 400 °C Agilent 5183-4757
- \* ALS Syringe, 10 µL, fixed needle, 23-26s/42/cone Agilent 5181-1267
- \* Topaz Inlet Liners for Agilent GCs Equipped with Split/Splitless Inlets, 4.0 mm ID Single Taper Liner w/Wool, 4.0 mm x 6.5 mm x 78.5 mm Agilent 5190-3163





## Chromatography Equipment

## تجهيزات کروماتوگرافی

- \* Ferrules, Graphpak 2M inlet, for 0.25 mm columns Agilent 5182-9768
- \* Seal, silver, 5/pk Agilent 5182-9763
- \* Inlet adapter, Graphpak 2M, for 0.25 to 0.33 mm columns Agilent 5182-9761
- \* High-Temperature EI Filament, for Agilent 5975, or 5977 GC-MS, G7005-60061 Agilent 5972, 5973
- \* J&W HP-5ms GC Column, 30 m, 0.25 mm, 0.25  $\mu\text{m}$ , 7 inch cage Agilent 19091S-433
- \* J&W DB-5ms GC Column, 30 m, 0.25 mm, 0.25  $\mu\text{m}$ , 7 inch cage, -60 °C-325/350 °C Agilent 122-5532
- \* Ferrule, 0.4 mm id, preconditioned for MSD interface, 15% graphite/ 85% Vespel, 0.25 mm column, long, recommended Agilent GC/MS transfer lines with MS interface column nut, 10/pk Agilent 05988-20066
- \* Ferrule, 0.4 mm id, 15% graphite/85%Vespel, 0.1 to 0.25 mm column, 10/pk Agilent 5181-3323
- \* Column nut for GC capillaries, 2/pk Agilent 5181-8830
- \* Inlet liner O-ring, non-stick fluorocarbon, 10/pk Agilent 5188-5365
- \* Inland 45 Pump Oil, 1 liter, Agilent 6040-0834
- \* Cross-Disk Inlet Seals for Agilent GCs, 2-pk Agilent 5182-9652