

Quick Reference Guide

Agilent 7800/7850/7900/8900 ICP-MS Supplies

Agilent supplies for Agilent instruments

Agilent is committed to optimizing your laboratory's productivity. This reference guide shows the most commonly ordered supplies and parts for the Agilent single and triple Quadrupole ICP-MS. Keep this list so you can quickly find the supplies you need and minimize instrument downtime.



Sampler Cones and Supplies (suits all models)	Part Number
Ni-tip Cu base sampler cone care package Includes 2pcs Ni sampler, 1pc magnifier tool, 1pk graphite gaskets, 1pk cotton swabs	5067-0294
Pt-tip Cu base sampler cone care package Includes 2pcs Pt sampler, 1pc magnifier tool, 1pk graphite gaskets, 1pk cotton swabs	5067-0296
Ni-tip, Ni-plated base sampler cone care package Includes 2pcs Ni-plated sampler, 1pc magnifier tool, 1pk graphite gaskets, 1pk cotton swabs	5067-0295
Pt-tip Nickel-plated sampler cone care package Includes 2pcs Pt-tip Ni-plated sampler, 1pc magnifier tool, 1pk graphite gaskets, 1pk cotton swabs	5067-0297

Sampler Cones and Supplies (continued)	Part number
Gasket, graphite, for sampling cone, 3/pk	G3280-67009
Sampler cone, Ni-tip with Cu base (std for x-lens)	G3280-67040
Sampler cone, Pt-tip with Cu base (standard for s-lens/ semiconductor configuration)	G3280-67036
Sampler cone, Ni-tip with Ni-plated Cu base (for samples containing >0.5% HCl and when using maximum HMI aerosol dilution)	G3280-67061
Sampler cone, Pt-tip with Ni-plated Cu base (for aggressive acid matrix especially HCl, HF and HClO ₄)	G3280-67142
Magnifier tool	5190-9614
Cotton swabs, 1pk of 100pcs	9300-2574

Skimmer Cones

Selection by ion lens configuration and ICP-MS series

Description	x-lens 7800/7850	x-lens 7900/8900	s-lens (semicon) 7900	s-lens (semicon) 8900
Nickel	G3280-67041	G8400-67200	G3280-67066	G3666-67421
Platinum, with copper base	G3280-67060	G8400-67201	G3280-67064	G3666-67401
Platinum, with nickel base	G3280-67063	G8400-67202	G3280-67065	G3666-67411

Note: Shaded cells denote standard configuration

Skimmer Bases

Selection first by ion lens configuration and ICP-MS series, then by the Interface cone material (Nickel, Ni or Platinum, Pt)

Description	x-lens 7800/7850	x-lens 7900	x-lens 8900	s-lens (semicon) 7900	s-lens (semicon) 8900
Stainless steel (use with Ni cones)	G3280-60608	G8400-60624	G3666-60301	G8400-60627	G3666-60005
Brass (use with Pt cones)	G3280-60621	G8400-60625	G3666-60311	G8400-60626	G3666-60401

Note: Shaded cells denote standard configuration

For more information on selection of interface cones please see [Cone Selection Guide](#).

Nebulizers and Supplies	Part Number
MicroMist nebulizer, borosilicate glass, U-series, standard for Agilent 7800/7850/7900 ICP-MS	G3266-80004
UniFit sample connector, for U-series MicroMist nebulizer, 0.5 mm id, 10/pk	G3266-80012
UniFit sample connector, for U-series MicroMist nebulizer, 0.25 mm id, 10/pk	G3266-80013
UniFit sample connector, for U-series MicroMist nebulizer, 0.75 mm id, 10/pk	G8010-80035
MicroMist nebulizer, with PEEK gas connector. Suits Agilent 8900 ICP-MS	G3266-80005
Nebulizer gas fitting, with PEEK ratchet connector, 1/ pk. Suits MicroMist nebulizer with PEEK gas fitting used with the Agilent 8900 ICP-MS	G3266-80017
MicroFlow nebulizer, PFA, 200 µL/min, self-aspirating	G3139-65100
MicroFlow nebulizer, with I-AS probe, PFA, 200 µL/min, self-aspirating	G3139-65102
MicroFlow nebulizer, with SPS 4 probe, PFA, 200µL/min, self-aspirating	G3139-68000
PFA-ST MicroFlow nebulizer, with demountable capillary, self-aspirating. Order alternative capillary for flowrate from 20 to 400 µL/min and without or with autosampler probe (I-AS or SPS probes available)	G3139-68100
PFA-ST MicroFlow nebulizer capillary, 20 µL/min	G3139-68101
PFA-ST MicroFlow nebulizer capillary, 50 µL/min	G3139-68102
PFA-ST MicroFlow nebulizer capillary, 100 µL/min	G3139-68103
PFA-ST MicroFlow nebulizer capillary, 200 µL/min	G3139-68104
PFA-ST MicroFlow nebulizer capillary, 400 µL/min	G3139-68105
PFA-ST MicroFlow nebulizer capillary with I-AS probe, 20 µL/min	G3139-68106
PFA-ST MicroFlow nebulizer capillary with I-AS probe, 50 µL/min	G3139-68107
PFA-ST MicroFlow nebulizer capillary with I-AS probe, 100 µL/min	G3139-68108
PFA-ST MicroFlow nebulizer capillary with I-AS probe, 200 µL/min	G3139-68109
PFA-ST MicroFlow nebulizer capillary with I-AS probe, 400 µL/min	G3139-68110
PFA-ST MicroFlow nebulizer capillary with SPS 4 probe, 20 µL/min	G3139-68111
PFA-ST MicroFlow nebulizer capillary with SPS 4 probe, 50 µL/min	G3139-68112
PFA-ST MicroFlow nebulizer capillary with SPS 4 probe, 100 µL/min	G3139-68113
PFA-ST MicroFlow nebulizer capillary with SPS 4 probe, 200 µL/min	G3139-68114
PFA-ST MicroFlow nebulizer capillary with SPS 4 probe, 400 µL/min	G3139-68115

Consumables for your ICP-MS

For a complete list of consumables suitable for your ICP-MS follow the links below—selecting your ICP-MS model and lens type/configuration.

Internet connection and Agilent.com Order Center account registration required to access “Favorite Products Lists”

[7800 \(G8421A/N8421A\)](#)

[7850 \(G8422AA/N8422AA\)](#)

[7900 with x-lens \(G8403A/N8403A\)](#)

[7900 with s-lens \(G8403A #200\)](#)

[8900 with x-lens \(G3665A including #100\)](#)

[8900 with s-lens \(G3665A #200\)](#)

Tubing	Part Number
Easy-Fit Peristaltic pump tubing, PVC, white/white, standard for sample uptake, recommended for aqueous, acid or alkaline matrix, 1 pack of 12 pcs.	5005-0020
Easy-Fit Peristaltic pump tubing, PVC, blue/orange, standard for Internal Standard uptake, recommended for aqueous, acid or alkaline matrix, 1 pack of 12 pcs.	5005-0021
Easy-Fit Peristaltic pump tubing, long-life, standard for spray chamber drain, 1 pack of 12 pcs	5005-0022
Easy-Fit Peristaltic pump tubing, PVC, black/black, optional high matrix sample and ISTD uptake, recommended for aqueous, acid or alkaline matrix, 1 pack of 12 pcs.	5005-0023
Easy-Fit Peristaltic pump tubing, SolvaFlex, black/black, optional for high acid or organic solvent high matrix sample and ISTD uptake, 1 pack of 12 pcs	5005-0026
Easy-Fit Peristaltic pump tubing, SolvaFlex, blue/orange, optional for organic solvent or high acid matrix internal standard uptake, 1 pack of 12 pcs.	5005-0027
Easy-Fit Peristaltic pump tubing, SolvaFlex, white/white, optional for organic solvent or high acid sample uptake, 1 pack of 12 pcs.	5005-0025
Sample tubing, PFA, for sample introduction, 0.5 mm id, 1.6 mm od, 5 m	G1820-65105
Online internal standard addition kit for ICP-MS	G3280-60590
Drain tubing, for use between peri-pump tubing and drain tank), 4.0 mm id, 2.5 m	G1820-65515
Tubing, Tygon, for drain to drain tank, 3 m	G3280-60077

Torch	Part Number
Torch, quartz, 2.5 mm id, standard torch	G3280-80053
Torch, quartz, tapered, 1.5 mm id, for use with organic solvents	G3280-80080
Torch, quartz, tapered, 1.0 mm id, for use with highly volatile organic solvents	G3280-80081
Torch bonnet, quartz	G1833-65421
Shield plate, long life, platinum, for torch	G1833-65419

Spray Chamber Supplies	Part Number
Spray chamber, quartz, double-pass, for Agilent 7800 ICP-MS (non-HMI/UHMI). Can be used with the Agilent 7850/7900/8900 ICP-MS when Ultra HMI capability is not required.	G3280-80008
Endcap, for spray chamber	G3280-60008
Connector tubing, quartz straight, between spray chamber and torch	G3270-80025
Connector tubing, quartz, with dilution port	G3270-80024
Spray chamber, quartz, for UHMI, Agilent 7850/7900/8900 ICP-MS. Required when using Ultra HMI capability. For operation without Ultra HMI capability, use p/n G3280-80008.	G8400-67150
Clamp, torch ball joint connector, secures ball joint connector between torch and spray chamber	G8400-60327
Endcap retainer ring for spray chamber for p/n G8400-67150	G8400-40200
Dilution nozzle for UHMI, for p/n G8400-67150	G8400-67026
Drain tubing assembly (tubing between spray chamber and peristaltic pump, includes two connectors, bushing and tubing)	G3280-60555

Vacuum & Cooling System Supplies	Part Number
AVF Platinum oil for Agilent MS40+ foreline pump 1 L	X3760-64004
Oil mist filter element for Agilent MS40+ (change at least annually)	G1960-80039
Cool Clear, coolant fluid, 2 Gal/pk	5799-0037

Easy-fit x-lens assemblies	Part Number
Easy-fit X-lens, single piece assembly, provided in clean packaging, ready to install. For direct replacement of 7800, 7850, 7700, and 8800 x-lens.	G3280-67200
Easy-fit X-lens, single piece assembly, provided in clean packaging, ready to install. For direct replacement of 7900 x-lens.	G8400-67100
Easy-fit X-lens, single piece assembly, provided in clean packaging, ready to install. For direct replacement of 8900 x-lens.	G3666-67700

Carrier, Diluent and Waste Solutions Management	Part Number
Diluent/Carrier bottle kit for ADS 2 and Autosampler, 6L HDPE with GL45 Stay Safe cap and venting valve. Suitable for all applications using an Autosampler or Switching Valve.	5005-0435
Diluent bottle kit for ADS 2 on ICP-MS, 2L PFA with GL45 Stay Safe cap and venting valve. Suitable for all applications using an Autosampler or Switching Valve.	5005-0436
Waste container kit, 10L HDPE with S60 Stay Safe cap and charcoal filter. Suitable for any atomic spectroscopy instrument for waste solution management.	5005-0437
InfinityLab Stay Safe cap, GL45, 3 ports	5043-1219
S60 Stay Safe cap for spectroscopy including fittings	5043-1326
Acid vapor charcoal filter with 6-months time strip for S60 Stay Safe cap	5043-1193
One way venting valve with PTFE filter and 6-months time strip for GL45 Stay Safe cap	5043-1190

AVS MS / ISIS3 Supplies	Part Number
Preconfigured kit for discrete sampling with AVS MS or ISIS3. Includes a 1.5 mL sample loop.	G8411-68202
Sample loop for AVS, 0.25 mL, 1.00 mm id, 1/pk	5005-0420
Sample loop for ADS/AVS, 0.50 mL, 1.00 mm id, 1/pk	5005-0421
Sample loop for ADS/AVS, 0.75 mL, 1.00 mm id, 1/pk	5005-0422
Sample loop for ADS/AVS, 1.00 mL, 1.00 mm id, 1/pk	5005-0423
Sample loop for ADS/AVS, 1.25 mL, 1.00 mm id, 1/pk	5005-0424
Sample loop for ADS/AVS, 1.50 mL, 1.00 mm id, 1/pk. Standard AVS MS sample loop.	5005-0425
Sample loop for ADS/AVS, 2.00 mL, 1.00 mm id, 1/pk	5005-0426
Sample loop for ADS/AVS, 2.50 mL, 1.00 mm id, 1/pk	5005-0427
Sample loop for ADS/AVS, 3.00 mL, 1.00 mm id, 1/pk	5005-0449
Sample loop for AVS, 3.50 mL, 1.00 mm id, 1/pk	5005-0450
Sample loop for AVS MS, 1.00 mL, 2.18 mm id, 1/pk	5005-0428
Sample loop for AVS MS, 1.25 mL, 2.18 mm id, 1/pk	5005-0429
Sample loop for AVS MS, 1.50 mL, 2.18 mm id, 1/pk	5005-0430
Sample loop for AVS MS, 2.00 mL, 2.18 mm id, 1/pk	5005-0431
Sample loop for AVS MS, 2.50 mL, 2.18 mm id, 1/pk	5005-0432
Sample loop for AVS MS, 3.00 mL, 2.18 mm id, 1/pk	5005-0433
Sample loop for AVS MS, 4.00 mL, 2.18 mm id, 1/pk	5005-0434
Sample tubing 1.0 mm id, 1/16" od, 5 m	G8411-67117
Sample tubing 2.18 mm id, 1/8" od, 5 m	G8411-67118
AVS MS/ISIS3 valve rotor seal replacement kit	G8411-67111
AVS MS/ISIS3 Stator for 7 port inject valve, 1/pk	G8411-80121

ADS 2 autodilutor supplies	Part Number
Syringe, 5mL, for ADS 2 carrier on ICP-OES and ICP-MS	5299-0037
Syringe, 10 mL, for ADS 2 diluent on ICP-MS, high purity quartz	5299-0036
Spare valve, 7 ports, 2 positions for AVS 7 or ADS 2 switching valves, 1/pk	G8495-60000
Stator and rotor for 7 ports valve for AVS 7 or ADS 2 switching valves, 1/pk	G8495-60003
Rotor seal for 6-7 port valve for AVS 6/7 or ADS 2 switching valves, 1/pk	G8494-60002
ADS 2, port plug kit for valve A	5005-0473
Loop Holder, AVS / ADS 2, 1/pk	5005-0452
Tubing Clips, for ADS 2, 6/pk	5005-0453
ADS 2 tubing kit, Valve C to AVS Pump, 1/pk	5005-0107
ADS 2 tubing kit, Valve C to AVS Valve, 1/pk	5005-0182
ADS 2 tubing kit, Valve B set-up, 4/pk	5005-0102
ADS 2 tubing kit, Valve A to Valve C, 1/pk	5005-0103
ADS 2 tubing kit, Carrier/Diluent, 2/pk	5005-0105
ADS 2 tubing kit, Valve A to AVS Valve, 1/pk	G8457-68004

SPS 4/6 Autosampler Consumables	Part Number
Racks and tubes	
Standards rack, 5-position, (standard configuration). Provides 5 locations for 250 mL 60 mm od narrow neck sample containers.	G8410-40001
Standards rack, 34-position (optional configuration). Provides 12 locations for 50 mL 30 mm od tubes and 22 locations for 18 mm od tubes. (Only supported with MassHunter software version 4.5 or greater)	G8410-40000
Sample rack for 13 mm od tubes, 90 positions, 1/pk	6610026400
Sample rack for 16 mm od tubes, 60 positions, 1/pk	6610025400
Sample rack for 20 mm od tubes, 40 positions, 1/pk	6610025500
Sample rack for 25 mm od tubes, 24 positions, 1/pk	6610026500
Sample rack for 30 mm od tubes (50 mL centrifuge tubes), 21 positions, 1/pk	6610026600
Rack overlay for 60-position sample rack (2 per rack recommended), for Agilent SPS 4/6 autosampler. Allows 13 mm and some 16 mm od tubes to be used in 60-position rack.	6610026100
Rack overlay for 40-position sample rack (2 per rack recommended), for Agilent SPS 4/6 autosampler. Allows 18 mm od tubes to be used in 40-position rack	6610026000
Bottle 250 mL for 5-position standards rack, 1/pk	5043-0064
Centrifuge tubes, polypropylene, 5 to 50 mL at 2.5 mL intervals, 500/pk, screw cap, 29 mm od	190065200
Polypropylene tubes, 17 mm od, 16.5 mL, 1,000/pk	00000001600L
PFA Lab Bottle, 31.5 mm od, 20 mL with 33 mm closure	G8410-68011
PFA Lab Bottle, 38 mm od, 50 mL with 33 mm closure	G8410-68012
PFA Lab Bottle, 57.5 mm od, 100 mL with GL45 closure	G8410-68013
PFA Lab Bottle, 72 mm od, 200 mL with GL45 closure	G8410-68014
PFA Lab Bottle, 87 mm od, 500 mL with GL45 closure	G8410-68015
SPS sample rack 21 bottles × 31.5 mm od	G8410-68001
SPS sample rack 8 bottles × 38 mm od	G8410-68002
SPS sample rack 4 bottles × 57.5 mm od	G8410-68003
SPS sample rack 2 bottles × 72 mm od	G8410-68004
SPS sample rack 2 bottles × 87 mm od	G8410-68005
Peristaltic pump tubing for the rinse pump	
Peristaltic pump tubing, PVC SolvaFlex, 3-bridged, gray/gray tabs, for Agilent SPS 4/6 when pumping acidic or aqueous rinses, 12/pk	3710049000
Peristaltic pump tubing, Santoprene, 3-bridged, gray/gray tabs, for ketone-based solvents on AA, MP-AES, and ICP-OES instruments, 6/pk	3710057500
Peristaltic pump tubing, FPM, 3-bridged, black/black tabs with flared ends, for use with Agilent SPS 4/6 autosampler when pumping aromatic organic samples, 12/pk	3710069100

Spare probes	
SPS 4 probe, 0.25 mm id, red marker, inert, FEP sleeved, 1/pk	G8410-80100
SPS 4 probe, 0.5 mm id, yellow marker, inert, FEP sleeved, 1/pk (standard probe for ICP-MS)	G8410-80101
SPS 4 probe, 0.8 mm id, green marker, inert, FEP sleeved, 1/pk	G8410-80102
SPS 4 sample probe with red marker, 1/pk. Required when using the Agilent SPS 4 autosampler with microtiter tray for sampling from a 96 position well plate. Requires, but does not include, the well plate tray adaptor kit or any compatible well plates.	G8410-80105
SPS 4 probe 1.00 mm id, blue marker, inert, FEP sleeved, 1/pk (recommended for AVS/ADS 2)	G8410-80103
SPS 6 probe 0.25 mm id, red marker, inert, FEP sleeved, 1/pk	G8009-64800
SPS 6 probe 0.5 mm id, yellow marker, inert, FEP sleeved, 1/pk (standard probe for ICP-MS)	G8009-64801
SPS 6 probe 0.8 mm id, green marker, inert, FEP sleeved, 1/pk	G8009-64802
SPS 6 probe 1.00 mm id, blue marker, inert, FEP sleeved, 1/pk (recommended for AVS/ADS 2)	G8009-64803
SPS 6 sample probe with red marker, 1/pk. Required when using the Agilent SPS 6 autosampler with microtiter tray for sampling from a 96 position well plate. Requires, but does not include, the well plate tray adaptor kit or any compatible well plates.	G8009-64805

SPS 4/6 Autosampler Options	Part Number
High uptake volume rinse kit for Agilent SPS 4/6 autosampler to connect to ISIS 3. Allows rinse uptake rate to be increased to 25 mL/min.	G8410-68260
SPS 4/6 rinse tube kit, for low volatile organic solvents in rinse station. Includes 1 m capillary, 3-bridged gray/gray PVC Solvaflex (4 pump tubes), barb connector, 2.5 –1.5 mm, solvent-resistant tubing for inlet + outlet	G8410-68261
Pump drain kit for Agilent SPS 4/6 autosampler. Allows the liquid overflow to be pumped from the rinse station. Includes wide-bore tubing, purple/white tabs (4 pump tubes), barb connectors, 2.5 m PVC Solvaflex to connect to a remote pump (not supplied).	G8410-68262
Well plate startup kit for Agilent SPS 4/6 autosampler. Allows the SPS 4/6 to be adapted to sample from 96-well plates. Includes well plates (10/pk), well plate adapter, and sample probe. Only supported with the ICP-MS MassHunter software	G8410-68270

Tuning Solutions	Part Number
ICP-MS stock tuning solution: Li, Y, Ce, Tl, and Co; 100 mL, 10 mg/L; matrix 2% HNO ₃	5188-6564
ICP-MS stock tuning solution: Li, Mg, Y, Ce, Tl, Co; 100 mL, 10 mg/L; matrix 2% HNO ₃	5190-0465
Tuning solution: Li, Y, Ce, Tl, and Co; 2 × 500 mL, 10 µg/L; matrix 2% HNO ₃	5184-3566
PA tuning solution kit: 2 × 100 mL bottles Tuning 1: 20 ppm each of Zn, Be, Cd, As; 10 ppm each of Ni, Pb, Mg; 5 ppm each of Tl, Na Al, U, Cu, Th, Ba, Co, Sr, V, Cr, Mn, 6Li, Sc, In, Lu, Bi; 2.5 ppm each of Y, Yb; matrix 2 to 5% HNO ₃ Tuning 2: 10 ppm each of Mo, Sb, Sn, Ge, Ru, Pd; 5 ppm of Ti, Ir; matrix 10% HCl/1% HNO ₃ /trace HF	5188-6524

Operating Supplies Kits*	Part Number
Basic supplies kit for Agilent 7800/7850/7900 and 8900 ICP-MS, fitted with x-lens and roughing pump using AVF Platinum oil.* Includes: peristaltic pump tubes for sample, white/white, 12/pk; peristaltic pump tubes for waste, yellow/blue, 12/pk; peristaltic pump tubes for internal standard, blue/orange, 12/pk; PFA sample tubing, 0.5 mm id, 1.6 mm od, 5 m; graphite gasket for sampling cone, 3/pk; rough pump oil, AVF Platinum, 1 L; and torch with 2.5 mm id injector.	G3280-67221

* For extra options and more information see Agilent publication: Spare Parts and Operating Supplies Kits for Agilent ICP-MS (p/n [5991-5006EN](#))

10 µg/mL Single Element ICP-MS Standards Supplied in 100 mL bottles	Part Number
Aluminum (Al) in 2% HNO ₃	5190-8561
Antimony (Sb) in 1% HNO ₃ , trace tartaric acid	5190-8562
Arsenic (As) in 2% HNO ₃	5190-8563
Barium (Ba) in 2% HNO ₃	5190-8564
Beryllium (Be) in 2% HNO ₃	5190-8565
Boron (B) in H ₂ O	5190-8566
Cadmium (Cd) in 2% HNO ₃	5190-8567
Chromium (Cr) in 2% HNO ₃	5190-8568
Copper (Cu) in 2% HNO ₃	5190-8569
Iridium (Ir) in 2% HCl	5190-8570
Lead (Pb) in 2% HNO ₃	5190-8571
Lithium (Li) in 2% HNO ₃	5190-8572
Lutetium (Lu) in 2% HNO ₃	5190-8573
Manganese (Mn) in 2% HNO ₃	5190-8574
Mercury (Hg) in 5% HNO ₃	5190-8575
Nickel (Ni) in 2% HNO ₃	5190-8576
Platinum (Pt) in 5% HCl	5190-8577
Scandium (Sc) in 2% HNO ₃	5190-8578
Selenium (Se) in 2% HNO ₃	5190-8579
Silver (Ag) in 2% HNO ₃	5190-8580
Strontium (Sr) in 2% HNO ₃	5190-8581
Terbium (Tb) in 2% HNO ₃	5190-8582
Tin (Sn) in 5% HCl	5190-8583
Uranium (U) in 2% HNO ₃	5190-8584
Vanadium (V) in 5% HNO ₃	5190-8585
Yttrium (Y) in 2% HNO ₃	5190-8586
Zinc (Zn) in 2% HNO ₃	5190-8587

Multi-Element Calibration Standards	Part Number
Multi-element calibration standard 1, 100 mL: 10 mg/L of Ce, Dy, Er, Eu, Gd, Ho, La, Lu, Nd, Pr, Sc, Sm, Tb, Th, Tm, Y, Yb; matrix 5% HNO ₃	8500-6944
Multi-element calibration standard 2A, 100 mL: 10 mg/L of Ag, Al, As, Ba, Be, Ca, Cd, Co, Cr, Cs, Cu, Fe, Ga, K, Li, Mg, Mn, Na, Ni, Pb, Rb, Se, Sr, Ti, U, V, Zn; matrix 5% HNO ₃	8500-6940
Multi-element calibration standard 3, 100 mL: 10 mg/L of Sb, Au, Hf, Ir, Pd, Pt, Rh, Ru, Te, Sn; matrix 10% HCl/1% HNO ₃	8500-6948
Multi-element calibration standard 4B, 100 mL: 10 mg/L of B, Ge, Mo, Nb, P, Re, S, Si, Ta, Ti, W, Zr; matrix H ₂ O/trace HF	8500-6942

Semiquantitative Standards Supplied in 100 mL bottles	Part Number
ICP-MS semiquantitative calibration standard 1. Contains: 10 µg/mL Ag, Al, As, Ba, Bi, Ca, Cd, Ce, Dy, Er, Eu, Ga, Gd, Ho, La, Lu, Mg, Na, Nd, P, Pb, Pr, Rb, Sc, Se, Sm, Sr, Tb, Th, Ti, Tm, U, Y, Yb; matrix 40% aqua regia	5190-8594
ICP-MS semiquantitative calibration standard 2. Contains: 10 µg/mL Au, B, Be, Co, Cr, Cu, Fe, Ge, Hf, Ir, K, Li, Mn, Mo, Nb, Ni, Os, Pd, Pt, Re, Rh, Ru, Sb, Si, Sn, Ta, Te, Ti, V, W, Zn, Zr; matrix 40% aqua regia, trace HF	5190-8595

Environmental Standards	Part Number
Environmental calibration standard, 100 mL; 1,000 mg/L of Fe, K, Ca, Na, Mg; 10 mg/L of Ag, Al, As, Ba, Be, Cd, Co, Cr, Cu, Mn, Mo, Ni, Pb, Sb, Se, Ti, V, Zn, Th, U; matrix 10% HNO ₃	5183-4688
Initial calibration verification standard, 100 mL; 1,000 mg/L of Fe, K, Ca, Na, Mg, Sr; 10 mg/L of Ag, Al, As, Ba, Be, Cd, Co, Cr, Cu, Mn, Mo, Ni, Pb, Sb, Se, Ti, V, Zn, Th, U; matrix 5% HNO ₃	5183-4682
Internal standard mix, 100 mL; 100 ppm of Be, Sc, Ge, Rh, In, Tb, Lu, Bi; matrix 10% HNO ₃	5188-6525
Internal standard mix, 100 mL; 10 mg/L of 6Li, Sc, Ge, Y, In, Tb, Bi; matrix 5 to 10% HNO ₃	5183-4681
Environmental spike mix, 100mL; 1,000 mg/L Fe, K, Ca, Na, Mg, 100 mg/L Ag, Al, As, Ba, Be, Cd, Co, Cr, Cu, Mn, Mo, Ni, Pb, Sb, Se, Ti, V, Zn, U; matrix 5% HNO ₃	5183-4687
6020 interference check solution A, 100 mL: 20,000 ppm of Cl; 3,000 ppm of Ca; 2,500 ppm each of Fe, Na; 2,000 ppm of C; 1,000 ppm each of Al, Mg, P, K, S; 20 ppm each of Ti, Mo; matrix 5% HNO ₃ /trace HF	5188-6526
6020 interference check solution B, 100 mL: 20 ppm each of Cr, Co, Cu, Mn, Ni, V; 10 ppm each of As, Cd, Se, Zn; 5 ppm of Ag; matrix 5% HNO ₃	5188-6527

Agilent supplies to help you get the results you need

Our supplies are designed, manufactured, and tested to rigorous Agilent specifications, under a quality system registered to ISO 9001. Why risk compromising your analytical results with anything less than genuine Agilent supplies?

For a complete list of Agilent atomic spectroscopy supplies, including AA lamps and supplies for AA, ICP-OES, ICP-MS and MP-AES products, visit: www.agilent.com/chem/atomic

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