

New names and part numbers for solutions as of February 2011



As of February 2011 the names and part numbers of many pH buffers, conductivity standards, reference electrolytes and maintenance solutions changed.

The information on the new blue labels is optimized for laboratory analytics use. It is always stated on the top left corner what the content of the bottle is.

The names of pH buffers are now more intuitive and thus easily identifiable: Technical Buffers, Certified Buffers, and NIST / DIN Buffers (formerly NBS).

No more 1 liter bottles are available. Instead we recommend the six-packs of the standard 250 mL bottles since the solution stays fresh and uncontaminated for a longer time.

Because of an optimized logistical handling the shelf-life at customer's side is longer and more consistent.

Still we provide documentation for the solutions on the internet. The MSDS (material safety data sheet) of the solutions are available at www.mt.com/msds and the quality certificates of pH buffers, conductivity standards 1413 $\mu\text{S}/\text{cm}$ and 12.88 mS/cm as well as reference electrolytes in 250 mL bottles can be downloaded from www.mt.com/buffers.

Find the new name and part number of your solutions in the cross-reference list on the next pages.

pH Buffers

Product Name	Packing size	New part no.	Old part no.
Technical Buffer pH 2.00	250 mL	51350002	51340055
	6x 250 mL	51350016	51319010
Technical Buffer pH 4.01	250 mL	51350004	51340057
	6x 250 mL	51350018	51340058
	30x 20 mL (sachets)	unchanged	51302069
Technical Buffer pH 7.00	250 mL	51350006	51340059
	6x 250 mL	51350020	51340060
	30x 20 mL (sachets)	unchanged	51302047
Technical Buffer pH 9.21	250 mL	51350008	51300193
	6x 250 mL	51350022	51300194
	30x 20 mL (sachets)	unchanged	51302070
Technical Buffer pH 10.00	250 mL	51350010	51340056
	6x 250 mL	51350024	51340231
	30x 20 mL (sachets)	unchanged	51302079
Technical Buffer pH 11.00	250 mL	51350012	51340063
	6x 250 mL	51350026	51319018
Rainbow I (4.01 / 7.00 / 9.21)	3x 10x 20 mL (sachets)	unchanged	51302068
Rainbow II (4.01 / 7.00 / 10.01)	3x 10x 20 mL (sachets)	unchanged	51302080
NIST/DIN Buffer pH 4.006	250 mL	51350052	51340039
NIST/DIN Buffer pH 6.865	250 mL	51350054	51340041
NIST/DIN Buffer pH 9.180	250 mL	51350056	51340042
NIST/DIN Buffer pH 10.012	250 mL	51350058	51340044
Certified Buffer pH 4.01	250 mL	51350032	52118093
	6x 250 mL	51350042	51319059
Certified Buffer pH 7.00	250 mL	51350034	52118094
	6x 250 mL	51350044	51319060
Certified Buffer pH 9.21	250 mL	51350036	52118095
	6x 250 mL	51350046	51319061
Certified Buffer pH 10.00	250 mL	51350038	52118096
	6x 250 mL	51350048	51319062

Redox Buffers

Product Name	Packing size	New part no.	Old part no.
Redox Buffer 220mV / pH 7	250 mL	51350060	51340065
	6x 250 mL	51350062	51340081
Redox Buffer 468mV / pH 0.1	6x 30 mL	51350064	51319058

Conductivity Standards

Product Name	Packing size	New part no.	Old part no.
Cond Standard 10 μ S	250 mL	unchanged	51300169
Cond Standard 84 μ S	250 mL	unchanged	51302153
Cond Standard 500 μ S	250 mL	unchanged	51300170
Cond Standard 1413 μ S	250 mL	51350092	51300138
	6x 250 mL	51350096	51300259
	30x 20 mL (sachets)	51302049	51302049
Cond Standard 12.88mS	250 mL	51350094	51300139
	6x 250 mL	51350098	51300260
	30x 20 mL (sachets)	51302050	51302050

Reference and Bridge Electrolytes

Product Name	Packing size	New part no.	Old part no.
KCl 3M Electrolyte	25 mL	unchanged	51343180
	250 mL	51350072	51340049
	6x 250 mL	51350080	51340050
KCl Sat AgCl Electrolyte	25 mL	unchanged	51343184
	250 mL	51350074	51340045
	6x 250 mL	51350082	51340046
KCl 1M Electrolyte	25 mL	unchanged	51343181
KNO ₃ 1M Electrolyte	25 mL	unchanged	51343182
	250 mL	51350078	51340047
	6x 250 mL	51350086	51340234
FRISCOLYT-B Electrolyte	25 mL	unchanged	51343185
	250 mL	51350076	51340053
	6x 250 mL	51350084	51340054
LiCl 1M/EtOH Electrolyte	6x 30 mL	51350088	51319051

Cleaning solutions

Product Name	Packing size	New part no.	Old part no.
Pepsin-HCl Cleaner	250 mL	51350100	51340068
Thiourea Cleaner	250 mL	51350102	51340070
Regeneration Solution	25 mL	51350104	51340073

Reference and Inner Electrolytes for Ion Selective Electrodes (DX and perfectION)

Product Name	Packing size	New part no.	Old part no.
Electrolyte for DX207-Li	20 mL	unchanged	51107881
Electrolyte for DX218-NH4	20 mL	unchanged	51340035
Electrolyte for DX219-F	20 mL	unchanged	51340031
Electrolyte for DX226-CN	20 mL	unchanged	51107893
Electrolyte for DX232-S	20 mL	unchanged	51107894
Electrolyte for DX235-Cl	20 mL	unchanged	51340030
Electrolyte for DX239-K	20 mL	unchanged	51340033
Electrolyte for DX240-Ca	20 mL	unchanged	51340032
Electrolyte for DX258-SCN	20 mL	unchanged	51107872
Electrolyte for DX262-NO3	20 mL	unchanged	51340034
Electrolyte for DX264-Cu	20 mL	unchanged	51107889
Electrolyte for DX280-Br	20 mL	unchanged	51340029
Electrolyte for DX287-BF4	20 mL	unchanged	51107890
Electrolyte for DX312-Cd	20 mL	unchanged	51107891
Electrolyte for DX327-I	20 mL	unchanged	51107898
Electrolyte for DX337-Ba	20 mL	unchanged	51107892
Electrolyte for DX407-Pb	20 mL	unchanged	51107875
Electrolyte for GSE NH3	25 mL	unchanged	51340036
Electrolyte for GSE NOx	25 mL	unchanged	51340037
Electrolyte for GSE CO2	25 mL	unchanged	51340038
Ion electrolyte A (Ca, F, S)	5x 60 mL	unchanged	51344750
Ion electrolyte B (Cl, CN, Pb, Ag/S)	5x 60 mL	unchanged	51344751
Ion electrolyte C (Ag)	5x 60 mL	unchanged	51344752
Ion electrolyte D (Cu, I)	5x 60 mL	unchanged	51344753
Ion electrolyte E (K)	5x 60 mL	unchanged	51344754

ISA Solutions for Ion Selective Electrodes (DX and perfectION)

Product Name	Packing size	New part no.	Old part no.
TISAB 3 Solution (for DX)	250 mL	51350106	51340064
ISA Alu Sulfate Solution (for DX)	250 mL	51350108	51340072
ISA for solid state ISE	475 mL	unchanged	51344760
Calcium ISA	475 mL	unchanged	51344761
Potassium ISA	475 mL	unchanged	51344762
Nitrate ISA	475 mL	unchanged	51344763
Nitrate ISS	475 mL	unchanged	51344764
Fluoride TISAB II	3790 mL	unchanged	51344765
Fluoride TISAB III	475 mL	unchanged	51344766

ISE Calibration Standards

Product Name	Packing size	New part no.	Old part no.
Silver 1000 ppm	500 mL	unchanged	51344770
Calcium 1000 ppm	500 mL	unchanged	51344771
Chloride 1000 ppm	500 mL	unchanged	51344772
Cyanide 1000 ppm	500 mL	unchanged	51344773
Copper 1000 ppm	500 mL	unchanged	51344774
Fluoride 1000 ppm	500 mL	unchanged	51344775
Iodide 1000 ppm	500 mL	unchanged	51344776
Potassium 1000 ppm	500 mL	unchanged	51344777
Sodium 1000 ppm	500 mL	unchanged	51344778
Nitrate 1000 ppm	500 mL	unchanged	51344779
Lead 1000 ppm	500 mL	unchanged	51344780
Sulfide 1000 ppm	500 mL	unchanged	51344781

Inner Electrolyte Dissolved Oxygen Sensor

Product Name	Packing size	New part no.	Old part no.
Electrolyte for InLab 605	25 mL	unchanged	51340294