

Buffer solution (borate buffer) pH 9.00 (20°C) ± 0.02 pH-units AVS TITRINORM®

Boric acid/sodium hydroxide/potassium chloride

Traceable to SRM from NIST

pH (20°C) (real value ± 0.02) 8.98 to 9.02

Cat. No.	Pk	Pack type
32039.261	500 ml	Plastic bottle
32039.294	1 l	Plastic bottle
32039.374	5 l	Bag-in-box (Cubitainer)

Buffer solution (borate buffer) pH 9.22 (20°C) ± 0.02 pH-units AVS TITRINORM®

di-Sodium tetraborate

Traceable to SRM from NIST

pH (20°C) (real value ± 0.02) 9.20 to 9.24

Cat. No.	Pk	Pack type
32097.261	500 ml	Plastic bottle
32097.290	1 l	Plastic bottle

Buffer solution (borate buffer) pH 10.00 (20°C) ± 0.02 pH-units AVS TITRINORM®

Boric acid/potassium chloride/sodium hydroxide

Traceable to SRM from NIST

pH (20°C) (real value ± 0.02) 9.98 to 10.02

pH (25°C) (real value ± 0.02) 9.88 to 9.98

Conforms to BDH 19043 Passes test

Cat. No.	Pk	Pack type
32040.298	1 l	Plastic bottle
32040.378	5 l	Bag-in-box (Cubitainer)
32040.185	100 ml	Plastic bottle

Buffer solution (phosphate buffer) pH 11.00 ± 0.02 (20°C) ± 0.02 pH-units AVS TITRINORM®

di-Sodium hydrogen phosphate/sodium hydroxide

Traceable to SRM from NIST

pH (20°C) (real value ± 0.02) 10.98 to 11.02

Cat. No.	Pk	Pack type
32041.292	1 l	Plastic bottle

Buffer solution (phosphate buffer) pH 12.00 ± 0.05 (20°C) ± 0.05 pH-units AVS TITRINORM®

di-Sodium hydrogen phosphate/sodium hydroxide

Traceable to SRM from NIST

pH (20°C) (real value ± 0.05) 11.95 to 12.05

Cat. No.	Pk	Pack type
32042.295	1 l	Plastic bottle

Buffer solution set pH 4.00-7.00-10.00 (20°C) AVS TITRINORM®

pH 4 (20°C) 3.98 to 4.02

pH 7 (20°C) 6.98 to 7.02

pH 10 (20°C) 9.95 to 10.05

Cat. No.	Pk	Pack type
83610.600	1	Plastic bottle
83610.610	3 x 250 ml	Plastic bottle

Buffer and Checking solution set AVS TITRINORM®

(5 bottles, 100 ml)

This set contains: 100 ml buffer solution pH 4.00, 100 ml buffer solution pH 7.00, 100 ml buffer solution pH 10.00, 100 ml electrolytic solution KCl 3 mol/l, 100 ml cleaning Pepsin solution

Titer (KCl) 2.95 to 3.05 mol/l

Electrode cleaning solution Passes test

pH 4 (20°C) 3.98 to 4.02

pH 7 (20°C) 6.98 to 7.02

pH 10 (20°C) 9.95 to 10.05

Cat. No.	Pk	Pack type
83609.600	1 SET	Plastic bottle

Coloured buffer solutions

These buffer solutions are distinctively coloured for easy identification. It is possible to see at a glance which pH standard is being used, thus reducing errors which can occur when standardizing pH meters etc. The solutions are electrometrically checked with reference to NIST standards.

Buffer solution (phthalate buffer) pH 4.00 (20°C), red coloured ± 0.02 pH-units AVS TITRINORM®

Traceable to SRM from NIST

pH (20°C) (real value ± 0.02) 3.98 to 4.02

Cat. No.	Pk	Pack type
30925.418	10 l	Bag-in-box (Cubitainer)

Buffer solution (phthalate buffer) pH 4.00 (20°C), red coloured ± 0.02 pH-units AVS TITRINORM®

Traceable to SRM from NIST

pH (20°C) (real value ± 0.02) 3.98 to 4.02

Cat. No.	Pk	Pack type
32044.268	500 ml	Plastic bottle
32044.290	1 l	Dosing Bottle (Plastic)
32044.292	1 l	Plastic bottle
32044.372	5 l	Bag-in-box (Cubitainer)