

Ready-to-use Hanna standard solutions

The guarantee of quality and traceability
HANNA Instruments buffers are manufactured with NIST-certified reference materials and standardized with a pH meter calibrated to a primary standard that is also NIST-certified.

Designed to suit a wide range of applications, they are available in a variety of packaging options:

- in 20 ml sealed plastic bags for field use, single use, eliminating all risk of contamination;
 - in 500 ml vials for the laboratory.
- * Solutions delivered with certificates



Buffer solutions Kit

Cat. No.	Description	The	€ Excl. VAT
052408*	Buffer solutions pH 4.01 and 7.01	5+5 x 20 ml	NC -
052005	Buffer solutions pH 4.01 and 7.01	5+5 x 20 ml	NC -
052414*	Buffer solutions pH 7.01 and 10.01	5+5 x 20 ml	NC -
052415	Buffer solutions pH 7.01 and 10.01	5+5 x 20 ml	NC -

Ready-to-use conductivity and TDS solutions

Cat. No.	µS/cm	the	€ Excl. VAT	Cat. No.	g/l	the	€ Excl. VAT
Conductivity solutions				Standard TDS solutions			
052153	12880	25 x 20 ml	NC -	052169	0,8	25 x 20 ml	NC -
052154*	12880	25 x 20 ml	NC -	052170*	0,8	25 x 20 ml	NC -
052020	12880	500 ml	NC -	052171	1,382	25 x 20 ml	NC -
052155	1413	25 x 20 ml	NC -	052172*	1,382	25 x 20 ml	NC -
052156*	1413	25 x 20 ml	NC -	052173	1,382	500 ml	NC -
052019	1413	500 ml	NC -	052174	1,5	25 x 20 ml	NC -
052018	84	500 ml	NC -	052176	1,5	500 ml	NC -
052021	80000	500 ml	NC -	052177	6,44	25 x 20 ml	NC -
052022	111800	500 ml	NC -	052178*	6,44	25 x 20 ml	NC -
052160	5000	25 x 20 ml	NC -	052179	12,41	500 ml	NC -
052161*	5000	25 x 20 ml	NC -				
052162	5000	500 ml	NC -				
Special conductivity solutions							
food industry							
052163	12880	500 ml	NC -				
052164	1413	500 ml	NC -				
052165	84	500 ml	NC -				
052166	80000	500 ml	NC -				
052167	111800	500 ml	NC -				
052168	5000	500 ml	NC -				

Ready-to-use redox solutions

Cat. No.	Description	The	€ Excl. VAT
052102	Test solution 240 mV	500 ml	NC -
052103	Test solution 470 mV	500 ml	NC -

Preservation solutions for electrodes

Cat.No	Description	The	€ Excl. VAT
052001	Storage solution for pH electrodes	500 ml	NC -
052180	Storage solution, opaque bottle for pH electrodes	500 ml	NC -
052181	Reductive redox solution	500 ml	NC -
052182	Oxidising redox solution	500 ml	NC -

Electrolyte solutions (for filling electrodes)

Cat.No	Description	The	€ Excl. VAT
052104	Electrolyte 3,5M KCl + AgCl for electrodes single-junction	4 x 30 ml	NC -
052183	Electrolyte 3,5M KCl + AgCl, opaque flasks for single-junction electrodes	4 x 30 ml	NC -
052184	Electrolyte 1M KNO ₃ for electrodes double-junction	4 x 30 ml	NC -
052186	Electrolyte 3,5M KCl for electrodes double-junction	4 x 30 ml	NC -
052187	Electrolyte 3,5M KCl, opaque flasks for double-junction electrodes	4 x 30 ml	NC -
052188	Electrolyte 1M KCl + AgCl, opaque flasks for double-junction electrodes	4 x 30 ml	NC -

Ready-to-use pH standard solutions

Cat. No.	pH	The	€ Excl. VAT	Cat. No.	pH	The	€ Excl. VAT
Standard solutions				Technical standard solutions			
052117	1.68	500 ml	NC -	052126	1.00	500 ml	NC -
052079	4.01	25 x 20 ml	NC -	052127	2.00	500 ml	NC -
052082*	4.01	25 x 20 ml	NC -	054495	3.00	25 x 20 ml	NC -
052012	4.01	500 ml	NC -	052129	3.00	500 ml	NC -
052077*	4.01	500 ml	NC -	052130	5.00	500 ml	NC -
052005	4.01+7.01	5+5 x 20 ml	NC -	052131	6.00	500 ml	NC -
052408*	4.01+7.01	5+5 x 20 ml	NC -	052132	8.00	500 ml	NC -
052383	4.01	1 l	NC -	052133	9.00	500 ml	NC -
052118	6.86	25 x 20 ml	NC -	052134	11.00	500 ml	NC -
052119*	6.86	25 x 20 ml	NC -	052135	12.00	500 ml	NC -
052120	6.86	500 ml	NC -	052136	13.00	500 ml	NC -
052121*	6.86	500 ml	NC -	High resolution standard solutions			
052080	7.01	25 x 20 ml	NC -	052137	1.00	500 ml	NC -
052083*	7.01	25 x 20 ml	NC -	052138	4.010	500 ml	NC -
052013	7.01	500 ml	NC -	052139	6.00	500 ml	NC -
052076*	7.01	500 ml	NC -	052140	7.010	500 ml	NC -
052382	7.01	1 l	NC -	052141	9.177	500 ml	NC -
052415	7.01+10.01	5+5 x 20 ml	NC -	052142	10.010	500 ml	NC -
052414*	7.01+10.01	5+5 x 20 ml	NC -	Special agri-food standard solutions			
052122	9.18	25 x 20 ml	NC -	052143	4.01	500 ml	NC -
052123*	9.18	25 x 20 ml	NC -	052144*	4.01	500 ml	NC -
052124	9.18	500 ml	NC -	052145	6.86	500 ml	NC -
052125*	9.18	500 ml	NC -	052146*	6.86	500 ml	NC -
052081	10.01	25 x 20 ml	NC -	052147	7.01	500 ml	NC -
052084*	10.01	25 x 20 ml	NC -	052148*	7.01	500 ml	NC -
052014	10.01	500 ml	NC -	052149	9.18	500 ml	NC -
052078*	10.01	500 ml	NC -	052150*	9.18	500 ml	NC -
				052151	10.01	500 ml	NC -
				052152*	10.01	500 ml	NC -

Cleaning solutions for pH electrodes

Cat.No	Solutions Applications	The	€ Excl. VAT
052189	Rinsing Solution	25 x 20 ml	NC -
052190	For general use and agriculture	25 x 20 ml	NC -
052002	For general use	500 ml	NC -
052191	For general use, opaque bottle	500 ml	NC -
052105	For proteins	500 ml	NC -
052192	For proteins, opaque bottle	500 ml	NC -
052193	For inorganic materials	500 ml	NC -
052106	For oils and fats	500 ml	NC -
052194	For oils and fats, opaque bottle	500 ml	NC -
054619	For the cosmetic industry for oils and fats	1 x 500 ml	NC -
052197	For meats	25 x 20 ml	NC -
052198	For wine deposits (tartar)	25 x 20 ml	NC -
052199	For wine stains	25 x 20 ml	NC -
052200	For milk	25 x 20 ml	NC -
052201	For dairy products for disinfection of the electrode	25 x 20 ml	NC -
052202	For cheese	25 x 20 ml	NC -
052203	For soils (ground, compost)	25 x 20 ml	NC -
052204	For soils (compost, humus)	25 x 20 ml	NC -
052205	For salt deposits (process)	25 x 20 ml	NC -