

Buffer solutions

Working reference buffer solutions according to DIN 19 266

► sterilized for longer storability, without preservation

type no.	pH value at 25 °C	content
L 4794	4.01	60 ampoules à 25 ml, with manufacturer certificate
L 4796	6.87	60 ampoules à 25 ml, with manufacturer certificate
L 4799	9.18	60 ampoules à 25 ml, with manufacturer certificate
L 4790	4.01/6.87	2 x 30 ampoules à 25 ml, with manufacturer certificate
L 4798	4.01/6.87/9.18	3 x 20 ampoules à 25 ml, with manufacturer certificate
L 401	4.01	1000 ml in DURAN® glass bottle, with manufacturer certificate
L 4014	4.01	250 ml in DURAN® glass bottle, with manufacturer certificate
L 687	6.87	1000 ml in DURAN® glass bottle, with manufacturer certificate
L 6874	6.87	250 ml in DURAN® glass bottle, with manufacturer certificate
L 918	9.18	1000 ml in DURAN® glass bottle, with manufacturer certificate
L 9184	9.18	250 ml in DURAN® glass bottle, with manufacturer certificate

Traceable to PTB and NIST



Technical buffer solutions according to DIN 19 267

► sterilized for longer storability, without preservation

type no.	pH value at 25 °C	content
L 4694	4.00	60 ampoules à 25 ml
L 4697	7.00	60 ampoules à 25 ml
L 4691	10.00	60 ampoules à 25 ml
L 4690	4.00/7.00	2 x 30 ampoules à 25 ml
L 4698	4.00/7.00/10.00	3 x 20 ampoules à 25 ml
L 400	4.00	1000 ml in DURAN® glass bottle
L 4004	4.00	250 ml in DURAN® glass bottle
L 700	7.00	1000 ml in DURAN® glass bottle
L 7004	7.00	250 ml in DURAN® glass bottle
L 100	10.00	1000 ml in DURAN® glass bottle
L 1004	10.00	250 ml in DURAN® glass bottle

Colored technical buffer solutions in plastic bottles

type no.	pH value at 25 °C	content
LC 4004 K	4.00	250 ml in PE bottle
LC 7004 K	7.00	250 ml in PE bottle
LC 1004 K	10.00	250 ml in PE bottle



Technical buffer solutions according to DIN 19 267 in canisters

► for longer storability preserved with thymol

type no.	pH value at 25 °C	content
L 4655	4.65	5 l in plastic canister
L 6795	6.79	5 l in plastic canister

Electrolyte solutions

Electrolyte solutions, aqueous

► for reference electrodes and electrolyte bridges

type no.	description	content
L 200	for low temperature (-30°C)	1000 ml in DURAN® glass bottle
L 2004	for low temperature (-30°C)	250 ml in DURAN® glass bottle
L 2114	2 mol/l KNO_3 + 0.001 mol/l KCl for Ag combination electrodes	250 ml in DURAN® glass bottle
L 300	KCl solution 3 mol/l	1000 ml in DURAN® glass bottle, sterilized
L 3004	KCl solution 3 mol/l	250 ml in DURAN® glass bottle, sterilized
L 310	KCl solution 2 mol/l, thickened	1000 ml in DURAN® glass bottle
L 3104	KCl solution 2 mol/l, thickened	250 ml in DURAN® glass bottle
L 350	KCl solution 3.5 mol/l	1000 ml in DURAN® glass bottle, sterilized
L 3504	KCl solution 3.5 mol/l	250 ml in DURAN® glass bottle, sterilized
L 420	KCl solution 4.2 mol/l	1000 ml in DURAN® glass bottle
L 4204	KCl solution 4.2 mol/l	250 ml in DURAN® glass bottle



Electrolyte solutions, organic

► for measurements in organic solutions: for reference electrodes and electrolyte bridges

type no.	description	content
L 5014	LiCl 0.1 mol/l in glacial acetic acid	250 ml in DURAN® glass bottle
L 5024	LiCl 0.1 mol/l in methanol	250 ml in DURAN® glass bottle
L 5034	LiCl 0.1 mol/l in ethanol	250 ml in DURAN® glass bottle
L 4804	for tensides containing solutions	250 ml in DURAN® glass bottle

Other solutions

Solutions for oxygen measurements

type no.	description	content
OX 060	zero point solution	60 ampoules à 25 ml
L 6708	electrolyte solution	50 ml in PE bottle

Solutions and accessories for conductivity measurements

type no.	description	content
LF 906	platinizing solution	1 x 6 ampoules à 25 ml
LF 990	test solution KCl 0.001 mol/l (147 μ S/cm)	3 x 6 ampoules à 25 ml
LF 991	test solution KCl 0.01 mol/l (1.41 mS/cm)	3 x 6 ampoules à 25 ml
LF 992	test solution KCl 0.1 mol/l (12.9 mS/cm)	3 x 6 ampoules à 25 ml
LF 995	test solutions KCl 0.01/0.1/1 mol/l (1.41/12.9/112 mS/cm)	3 x 6 ampoules à 25 ml
LF 999/Set	test solutions KCl 0.01/0.1 mol/l and solution LF 906	3 x 6 ampoules à 25 ml
LF 1000/Set	like LF 999, additionally platinizing vessel and cable B1N	3 x 6 ampoules à 25 ml
LF 1024K	test solution KCl 0.01 mol/l (1.41 mS/cm)	250 ml in PE bottle

Redox test solutions

type no.	redox voltage		content
	Pt/calomel (KCl sat.)	Pt/Ag/AgCl (KCl 3 mol/l)	
L 4619	180 mV	220 mV	60 ampoules à 25 ml, according to DIN 38 404-C6
L 4643	430 mV	470 mV	60 ampoules à 25 ml
L 4660	600 mV	640 mV	60 ampoules à 25 ml
L 4648	180, 430, 600 mV	220, 470, 640 mV	3 x 20 ampoules à 25 ml
L 430	430 mV	470 mV	1000 ml in DURAN® glass bottle
L 4304	430 mV	470 mV	250 ml in DURAN® glass bottle

Cleaning solution for combination electrodes and reference electrodes

type no.	description	content
L 510	pepsin/hydrochloric acid solution	1000 ml in DURAN® glass bottle
L 5104	pepsin/hydrochloric acid solution	250 ml in DURAN® glass bottle

