

BUFFER SOLUTIONS AND CONCENTRATED BUFFER SOLUTIONS



**PUFER OTOPINE I
KONCENTRIRANE
PUFER OTOPINE**



BUFFER SOLUTIONS AND CONCENTRATED BUFFER SOLUTIONS

GRAM-MOL offers buffer solutions from range of pH 1 to pH 13 and concentrated buffer solutions of pH 4, pH 7, pH 9 and pH 10.

All solutions are stable with long shelf life. A precision of solutions is $\pm 0,02$, at temperature of 20°C and $\pm 0,05$ for buffer solutions above pH 10.

Buffer solution has a certificate of analysis with exact value. A label on bottle contains detailed composition with pH vs T (°C) variation table.

Buffer solutions are packaged in bottles of 250 ml, 500 ml and 1000 ml or in canisters of 5 l, 10 l or 25 l. Concentrated buffer solutions are in PE ampoules and they are easy to make.



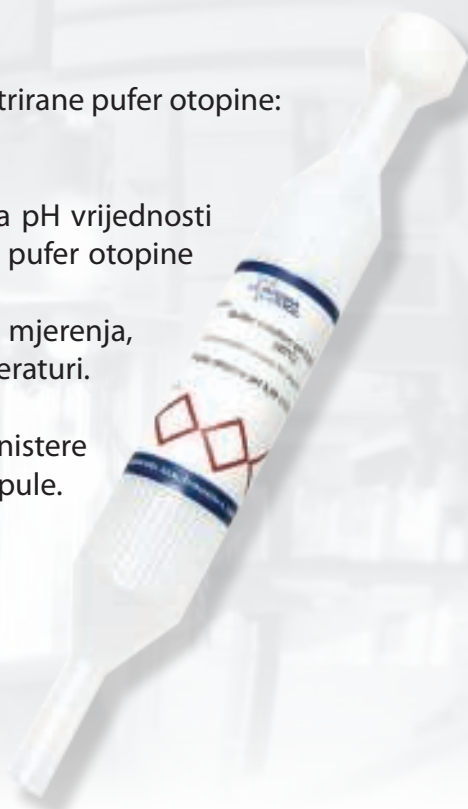
PUFER OTOPINE I KONCENTRIRANE PUFER OTOPINE

GRAM-MOL proizvodi pufer otopine od pH 1 do pH 13, i koncentrirane pufer otopine: pH 4, pH 7, pH 9 i pH 10.

Takve otopine su stabilne sa dugim rokom trajanja. Odstupanja pH vrijednosti pufer otopina su $\pm 0,02$ pri temperaturi 20°C, odnosno $\pm 0,05$ za pufer otopine pH vrijednosti većih od 10.

Pufer otopine imaju odgovarajući certifikat analize sa rezultatom mjerenja, a etikete na pakiranju ima detaljne podatke ovisnosti pH o temperaturi.

Pufer otopine su pakirane u boce od 250, 500 ili 1000 ml, te u kanistere od 5 l, 10 l ili 25 l. Koncentrirane pufer otopine su pakirane u PE ampule.



PRODUCT	PROIZVOD	CODE ŠIFRA	PACKAGES PAKIRANJE		
			250 ml	500 ml	1000 ml
Buffer solution pH 1,00 ± 0,02 (20°C)	Pufer otopina pH 1,00 ± 0,02 (20°C)	P1521			
Buffer solution pH 2,00 ± 0,02 (20°C)	Pufer otopina pH 2,00 ± 0,02 (20°C)	P1522			
Buffer solution pH 3,00 ± 0,02 (20°C)	Pufer otopina pH 3,00 ± 0,02 (20°C)	P1523			
Buffer solution pH 4,00 ± 0,02 (20°C)	Pufer otopina pH 4,00 ± 0,02 (20°C)	P1524			
Buffer solution pH 5,00 ± 0,02 (20°C)	Pufer otopina pH 5,00 ± 0,02 (20°C)	P1525			
Buffer solution pH 6,00 ± 0,02 (20°C)	Pufer otopina pH 6,00 ± 0,02 (20°C)	P1526			
Buffer solution pH 7,00 ± 0,02 (20°C)	Pufer otopina pH 7,00 ± 0,02 (20°C)	P1527			
Buffer solution pH 8,00 ± 0,02 (20°C)	Pufer otopina pH 8,00 ± 0,02 (20°C)	P1528			
Buffer solution pH 9,00 ± 0,02 (20°C)	Pufer otopina pH 9,00 ± 0,02 (20°C)	P1529			
Buffer solution pH 10,00 ± 0,05 (20°C)	Pufer otopina pH 10,00 ± 0,05 (20°C)	P1530			
Buffer solution pH 11,00 ± 0,05 (20°C)	Pufer otopina pH 11,00 ± 0,05 (20°C)	P1531			
Buffer solution pH 12,00 ± 0,05 (20°C)	Pufer otopina pH 12,00 ± 0,05 (20°C)	P1532			
Buffer solution pH 13,00 ± 0,05 (20°C)	Pufer otopina pH 13,00 ± 0,05 (20°C)	P1533			

 Polietilenska boca / Polyethylene bottle

PRODUCT	PROIZVOD	CODE ŠIFRA	PACKAGES PAKIRANJE	
			AMPOULES / AMPULE	
Buffer concentrate pH 4,00 ± 0,02 (20°C)	Pufer standard pH 4,00 ± 0,02 (20°C)	P1524		
Buffer concentrate pH 7,00 ± 0,02 (20°C)	Pufer standard pH 7,00 ± 0,02 (20°C)	P1527		
Buffer concentrate pH 9,00 ± 0,02 (20°C)	Pufer standard pH 9,00 ± 0,02 (20°C)	P1529		
Buffer concentrate pH 10,00 ± 0,05 (20°C)	Pufer standard pH 10,00 ± 0,05 (20°C)	P1530		

 Polietilenske ampule / Polyethylene ampoule





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