

Thermo Scientific Orion pH Buffer Values vs. Temperature

Thermo Scientific™ Orion™ pH Buffer Part No.	910168 9116860	910104 910425 910410-WA 910460 9104CB	700001 700402	910105	910686 916860	700001 700702	910107 910710 910725 910760 9107CB	700902	910918 9191560	911010 911025-WA 911060 910110 9110CB	910112 911260-WA
Note		Color-coded Red	Low Ionic Strength Buffer			Low Ionic Strength Buffer	Color-coded Yellow	Low Ionic Strength Buffer		Color-coded Blue	
°C	1.678	4.010	4.10	5.00	6.865	6.97	7.00	9.15	9.184	10.013	12.460
0	1.667	4.000	n/a	n/a	6.978	n/a	7.111	n/a	9.450	10.320	13.474
5	1.668	3.999	n/a	n/a	6.949	n/a	7.082	n/a	9.389	10.249	13.245
10	1.669	3.999	4.10	5.12	6.923	7.01	7.056	9.27	9.332	10.182	13.030
15	1.672	4.001	4.10	n/a	6.900	7.00	7.033	9.23	9.279	10.121	12.828
20	1.675	4.005	4.10	5.04	6.881	6.98	7.013	9.19	9.230	10.064	12.638
25	1.678	4.010	4.10	5.00	6.865	6.97	6.997	9.15	9.185	10.013	12.460
30	1.683	4.016	4.12	4.97	6.852	6.95	6.984	9.12	9.144	9.967	12.293
35	1.688	4.024	4.13	n/a	6.843	6.95	6.974	9.08	9.107	9.925	12.137
40	1.693	4.033	4.15	4.93	6.837	6.94	6.967	9.04	9.074	9.889	11.991
45	1.700	4.044	4.16	n/a	6.834	6.95	6.964	9.00	9.045	9.858	11.855
50	1.707	4.057	4.18	4.92	6.834	6.95	6.963	8.96	9.020	9.832	11.727
55	1.715	4.071	4.20	n/a	6.837	6.97	6.966	n/a	8.999	9.811	11.609
60	1.724	4.086	4.22	4.88	6.844	6.98	6.973	n/a	8.983	9.794	11.499
65	1.733	4.103	4.24	n/a	6.854	7.00	6.982	n/a	8.970	9.783	11.396
70	1.744	4.122	4.27	n/a	6.867	7.01	6.995	n/a	8.961	9.777	11.301
75	1.755	4.142	4.29	n/a	6.884	7.03	7.011	n/a	8.956	9.776	11.212
80	1.766	4.163	4.32	n/a	6.904	7.04	7.030	n/a	8.955	9.780	11.130
85	1.779	4.186	n/a	n/a	6.927	n/a	7.052	n/a	8.959	9.789	11.053
90	1.792	4.211	n/a	n/a	6.953	n/a	7.078	n/a	8.966	9.803	10.981
95	1.805	4.237	n/a	n/a	6.983	n/a	7.107	n/a	8.977	9.822	10.914
100	1.820	4.264	n/a	n/a	7.015	n/a	7.139	n/a	8.992	9.846	10.851

© 2016 Thermo Fisher Scientific Inc. All rights reserved. All trademarks are the property of Thermo Fisher Scientific and its subsidiaries unless otherwise specified.

Water and Lab Products

North America
Toll Free: 1-800-225-1480
Tel: 1-978-232-6000
info.water@thermofisher.com

Germany
Tel: (49) 6184-90-6000
info.water.uk@thermofisher.com

India
Tel: (91) 22-4157-8800
wai.asia@thermofisher.com

Japan
Tel: (81) 045-453-9175
wai.asia@thermofisher.com

China
Tel: (86) 21-68654588
wai.asia@thermofisher.com

Singapore
Tel: (65) 6778-6876
wai.asia@thermofisher.com

Australia
Tel: (613) 9757-4300
In Australia: (1300) 735-295
InfoWaterAU@thermofisher.com