

Potentials of the hydrogen electrode at different pH-values at 25°C

pH	Ag/AgCl sat. KCl vs. RHE	Hg/Hg ₂ Cl ₂ sat. KCl vs. RHE
0	0.1970	0.244
1	0.2562	0.304
2	0.3153	0.363
3	0.3745	0.422
4	0.4337	0.481
5	0.4928	0.540
6	0.5520	0.599
7	0.6112	0.659
8	0.6704	0.718
9	0.7295	0.777
10	0.7887	0.836
11	0.8479	0.895
12	0.9070	0.954
13	0.9662	1.013
14	1.0254	1.073