



Differentiating polarization curve technique for determining the exchange current density of hydrogen electrode reaction

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Table1 Experimental values of pH, dissolved oxygen (DO) and electrical conductivity (κ) of test solutions

H ₂ SO ₄ solution/mol dm ⁻³	pH	DO/ppm	κ /S m ⁻¹	Remarks
0.005	2.1	0.45	0.31	
0.05	1.2	0.37	2.50	
0.5	0.34	0.44	20<	The κ is over-scaled

Table 1 (O.Seri and Y.Itoh)