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Appendix

9. Conductivity of Salt Solutions

9-10. Conductivity of Ions

Ion	20 °C (68 °F)	25 °C (77 °F)	100 °C (212 °F)
H ⁺	328	350	646
Na ⁺	45	50.1	155
K ⁺	67	73.5	200
NH ₄ ⁺	67	73.5	200
Mg ⁺⁺	47	53.1	170
Ca ⁺⁺	53.7	59.5	191
OH ⁻	179	197	446
Cl ⁻	69.0	76.3	207
HCO ₃ ⁻	36.5	44.5	-
NO ₃ ⁻	65.2	71.4	178
H ₂ PO ₄ ⁻	30.1	36.0	-
CO ₃ ⁺⁺	63.0	72.0	-
HPO ₄ ⁺⁻	-	53.4	-
SO ₄ ⁺⁻	71.8	79.8	234
PO ₄ ⁺⁺⁺	-	69.0	-