

Single ion conductivities of $\text{Co}[(\text{NH}_3)_5\text{Cl}]^{2+}$ ion in aqueous electrolyte solutions at infinite dilution

Table 1.7.4 Single ion conductivities of ions in aqueous electrolyte solutions at infinite dilution

Ion	λ_0 [$\Omega^{-1}\text{m}^2\text{mol}^{-1}$]	T [K]	λ_0 [$\Omega^{-1}\text{m}^2\text{mol}^{-1}$]	T [K]	λ_0 [$\Omega^{-1}\text{m}^2\text{mol}^{-1}$]	T [K]	Ref.
$\text{Co}[(\text{NH}_3)_5\text{Cl}]^{2+}$	$74.8 \cdot 10^{-4}$	25 °C			$140.8 \cdot 10^{-4}$	25 °C	[25Kin]

Symbols and Abbreviations

Short form	Full form
T	temperature
λ_0	ionic conductance at infinite dilution

References

[25Kin] King, H.J.S.: J. Chem. Soc. Trans. **127** (1925) 2100.