

**Tableau T.P. C4**

|        |     |     |
|--------|-----|-----|
| l (cm) | 2,0 | 5,5 |
| G (mS) | 81  | 38  |

$S = h$  (hauteur d'immersion) \* 3,0 (largeur d'une plaque) \* 2 (nb de face)

|                      |      |    |
|----------------------|------|----|
| S (cm <sup>2</sup> ) | 18,0 | 3  |
| G (mS)               | 91   | 50 |

|                 |        |      |           |
|-----------------|--------|------|-----------|
| Nature du métal | Cuivre | Zinc | Aluminium |
| G (mS)          | 69     | 61   | 60        |

|                                          |                     |                     |
|------------------------------------------|---------------------|---------------------|
| $c_{\text{NaCl}}$ (mol.L <sup>-1</sup> ) | $1,0 \cdot 10^{-2}$ | $1,0 \cdot 10^{-1}$ |
| G (mS)                                   | 61                  | $5,4 \cdot 10^{-2}$ |

|          |                                                       |                                                       |                                                         |                                                          |                                                        |                                                          |
|----------|-------------------------------------------------------|-------------------------------------------------------|---------------------------------------------------------|----------------------------------------------------------|--------------------------------------------------------|----------------------------------------------------------|
| solution | chlorure de sodium<br>( $\text{Na}^+ + \text{Cl}^-$ ) | acide chlorhydrique<br>( $\text{H}^+ + \text{Cl}^-$ ) | chlorure de potassium<br>( $\text{K}^+ + \text{Cl}^-$ ) | chlorure d'ammonium<br>( $\text{NH}_4^+ + \text{Cl}^-$ ) | hydroxyde de sodium<br>( $\text{Na}^+ + \text{HO}^-$ ) | hydroxyde de potassium<br>( $\text{K}^+ + \text{HO}^-$ ) |
| G (mS)   | 4,55                                                  | 34,4                                                  | 6,20                                                    | 6,22                                                     | 19,7                                                   | 24,1                                                     |