

## Results report

Sample ID ..... 333-C0011C-1H-2\_0-10cm

pmH value ..... 7.540

Alkalinity ..... 2.930 mM

Added HCl volume (mL) ..... 0.216 mL

Sample size ..... 3mL

HCl concentration ..... 0.09996 mol/L

## Determination

Method ..... pmH and Alkalinity(exp333)

Method saving date ..... 2010-12-07 10:58:54 UTC+9

Determination start ..... 2010-12-18 20:13:12 UTC+9

User name ..... Miyabe

## End points

### MEAS pH MEAS pmH.1

EME ..... 7.540 pH .....

### SET U SET U 2.1

EP1 ..... 0.1360 mL ..... invalid s

### MEAS U MEAS U 1.1

EME ..... 233.0 mV .....

### MEAS U MEAS U 2.1

EME ..... 237.0 mV .....

### MEAS U MEAS U 3.1

EME ..... 241.0 mV .....

### MEAS U MEAS U 4.1

EME ..... 244.0 mV .....

### MEAS U MEAS U 5.1

EME ..... 247.0 mV .....

### MEAS U MEAS U 6.1

EME ..... 249.0 mV .....

### MEAS U MEAS U 7.1

EME ..... 252.0 mV .....

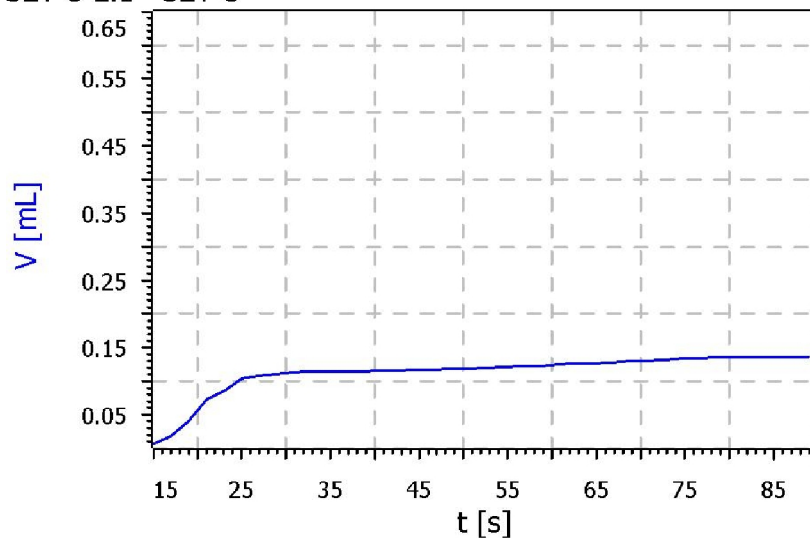
### MEAS U MEAS U 8.1

EME ..... 254.0 mV .....

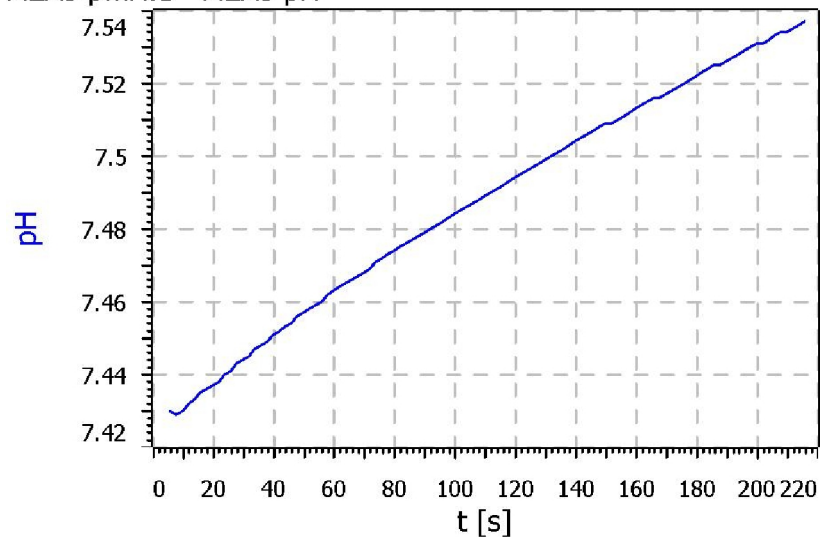
## Results

|                           |                        |       |
|---------------------------|------------------------|-------|
| pmH                       | 7.540                  |       |
| Alkalinity                | 2.930                  | mol/L |
| HCl concentration         | 0.09996                |       |
| Added HCl 8               | 0.216                  | mL    |
| Sample Name               | 333-C0011C-1H-2_0-10cm |       |
| pH                        | invalid                |       |
| Added HCl at 210mV        | 0.136                  | mL    |
| Gran factor 0             | 12859.520              |       |
| EMF0                      | 213.700                |       |
| Added HCl 1               | 0.146                  | mL    |
| Gran factor 1             | 27346.170              |       |
| Added HCl 2               | 0.156                  | mL    |
| Gran factor 2             | 32055.272              |       |
| Added HCl 3               | 0.166                  | mL    |
| Gran factor 3             | 37574.920              |       |
| Added HCl 4               | 0.176                  | mL    |
| Gran factor 4             | 42362.946              |       |
| Added HCl 5               | 0.186                  | mL    |
| Gran factor 5             | 47760.619              |       |
| Added HCl 6               | 0.196                  | mL    |
| Gran factor 6             | 51789.687              |       |
| Added HCl 7               | 0.206                  | mL    |
| Gran factor 7             | 58387.321              |       |
| Gran factor 8             | 63311.618              |       |
| n                         | 2                      |       |
| sum added HCl             | 0.30                   |       |
| sum Gran factor           | 59401.44               |       |
| sum sq added HCl          | 0.05                   |       |
| sum added HC*Gran factors | 8993.16                |       |
| Y intercept               | -41406.72              |       |
| slope                     | 470910.21              |       |
| HCl at Gran end point     | 0.0879                 | mL    |

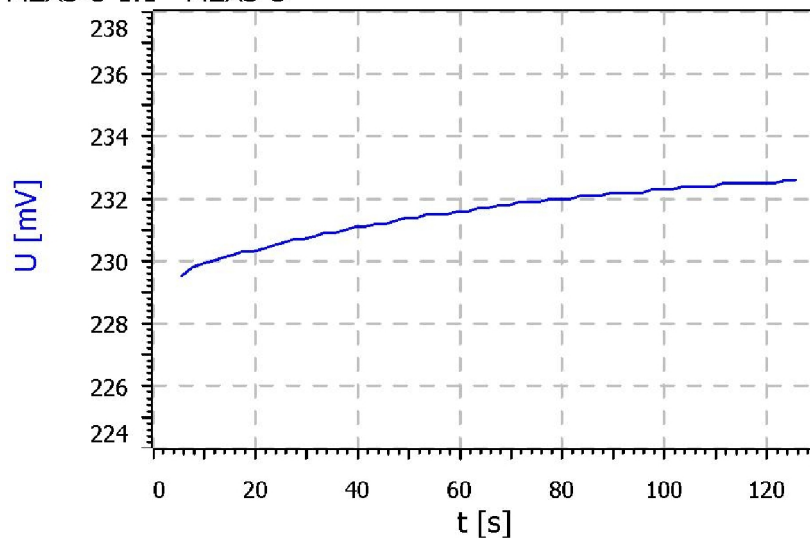
SET U 2.1 - SET U



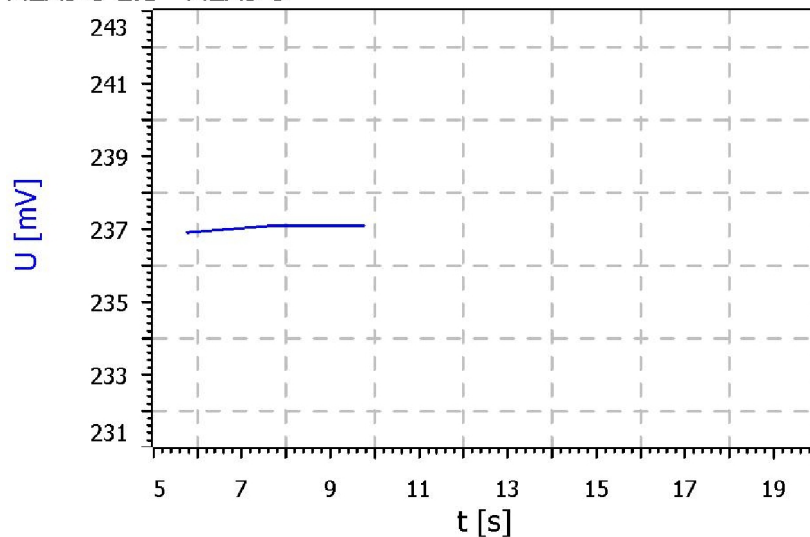
MEAS pmH.1 - MEAS pH



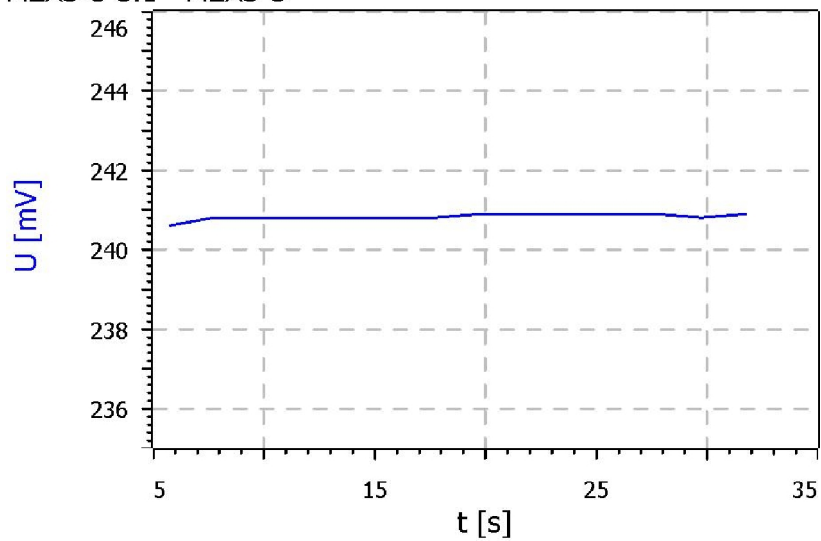
MEAS U 1.1 - MEAS U



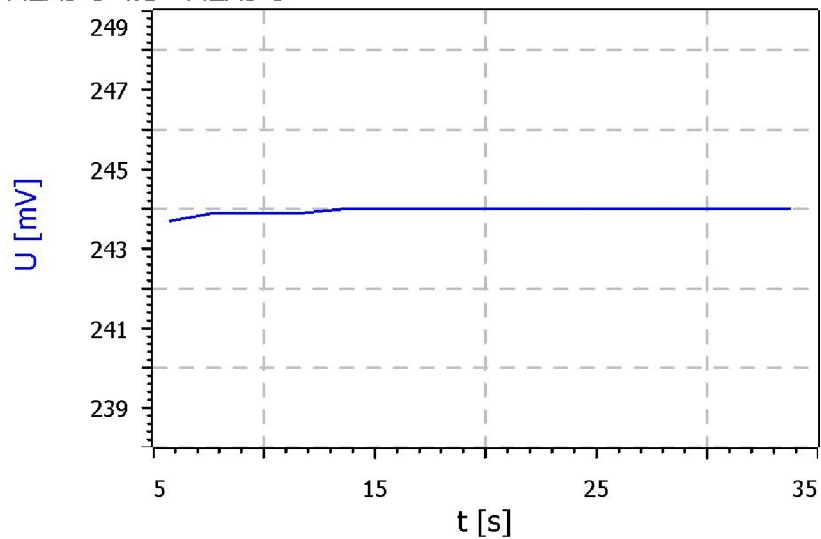
MEAS U 2.1 - MEAS U



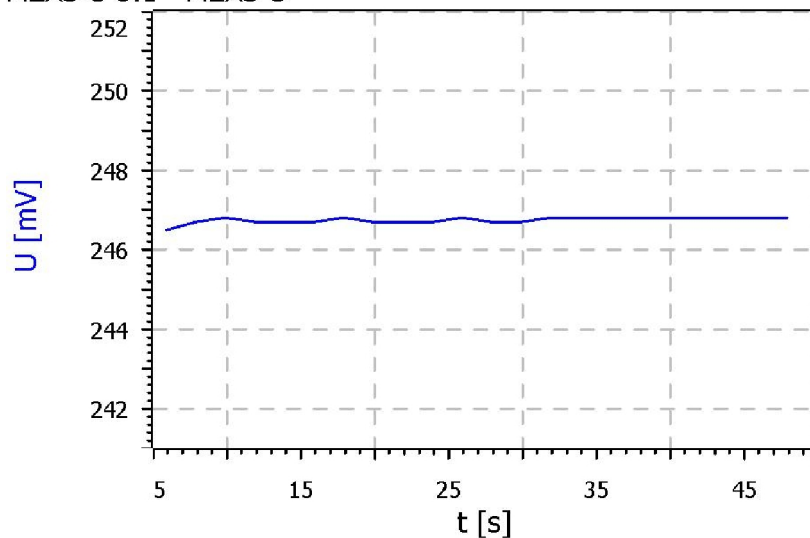
MEAS U 3.1 - MEAS U



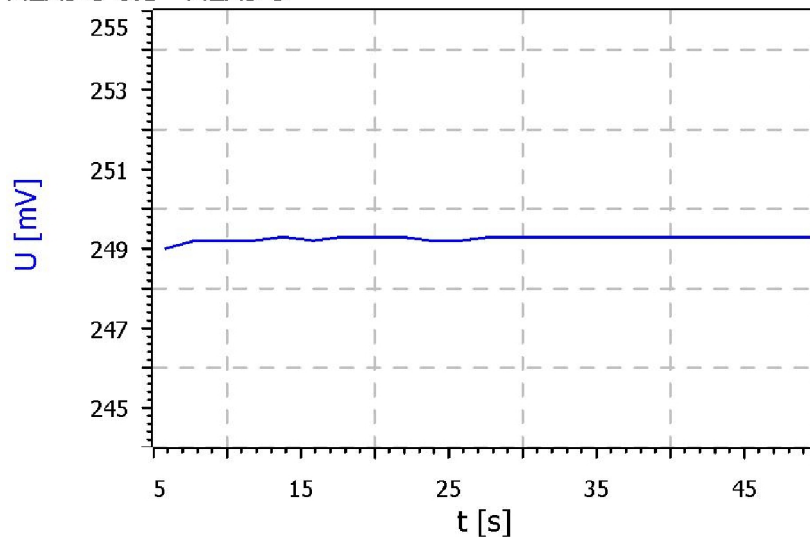
MEAS U 4.1 - MEAS U



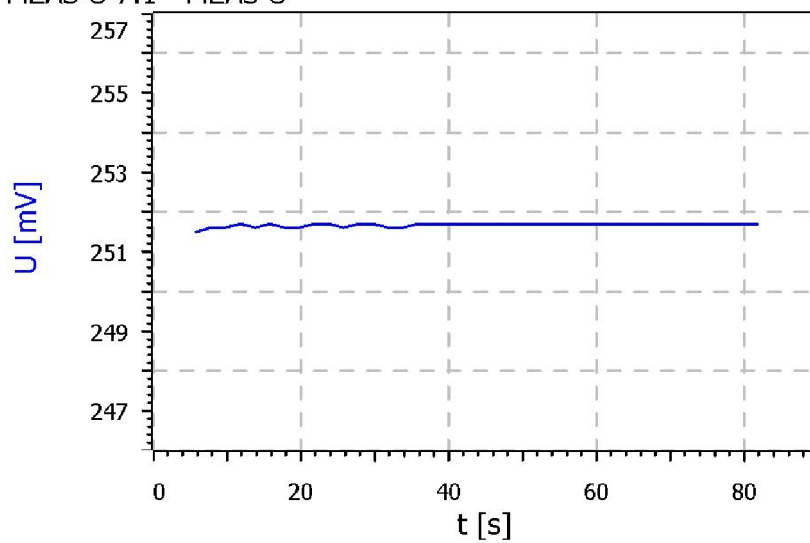
MEAS U 5.1 - MEAS U



MEAS U 6.1 - MEAS U



MEAS U 7.1 - MEAS U



MEAS U 8.1 - MEAS U

