

## Results report

Sample ID ..... 331-C0017A-1H-1\_80-90cm

pmH value ..... 7.500

Alkalinity ..... 3.237 mM

Added HCl volume (mL) ..... 0.219 mL

Sample size ..... 3mL

HCl concentration ..... 0.09496 mol/L

## Determination

Method ..... pmH and Alkalinity(exp331)

Method saving date ..... 2010-07-29 19:11:50 UTC+9

Determination start ..... 2010-09-27 14:29:35 UTC+9

User name ..... Eckert

## End points

### MEAS pH MEAS pmH.1

EME ..... 7.500 pH .....

### SET U SET U 2.1

EP1 ..... 0.1390 mL ..... invalid s

### MEAS U MEAS U 1.1

EME ..... 230.0 mV .....

### MEAS U MEAS U 2.1

EME ..... 235.0 mV .....

### MEAS U MEAS U 3.1

EME ..... 239.0 mV .....

### MEAS U MEAS U 4.1

EME ..... 242.0 mV .....

### MEAS U MEAS U 5.1

EME ..... 245.0 mV .....

### MEAS U MEAS U 6.1

EME ..... 248.0 mV .....

### MEAS U MEAS U 7.1

EME ..... 250.0 mV .....

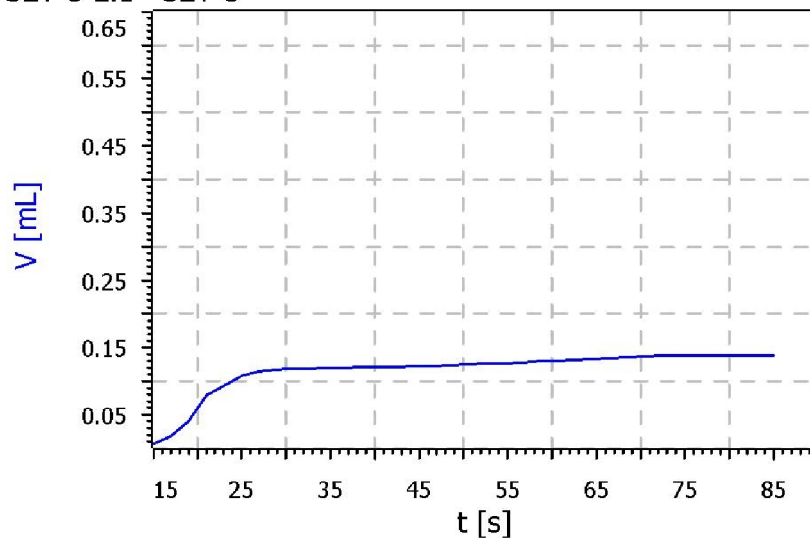
### MEAS U MEAS U 8.1

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

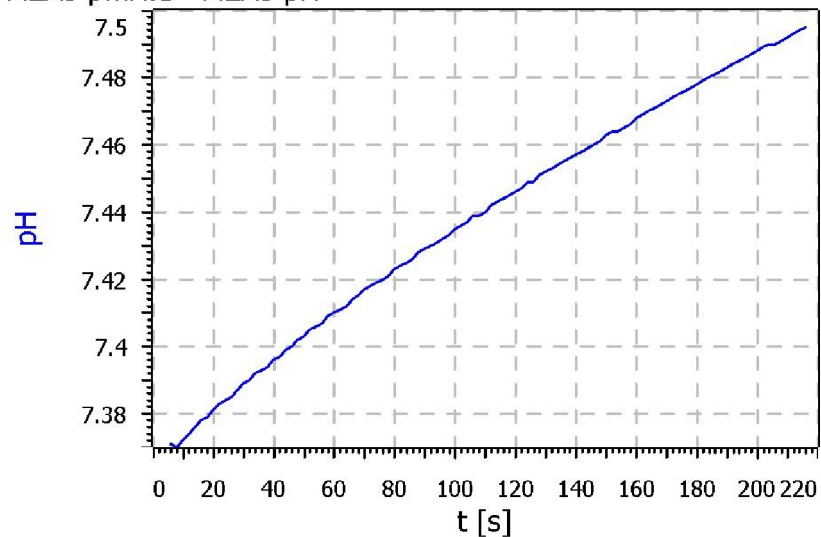
## Results

pmH	7.500	
Alkalinity	3.237	mol/L
HCl concentration	0.09496	
Added HCl 8	0.219	mL
Sample Name	331-C0017A-1H-1_80-90cm	
pH	invalid	
Added HCl at 210mV	0.139	mL
Gran factor 0	12477.141	
EMF0	212.900	
Added HCl 1	0.149	mL
Gran factor 1	24355.213	
Added HCl 2	0.159	mL
Gran factor 2	29682.451	
Added HCl 3	0.169	mL
Gran factor 3	34793.414	
Added HCl 4	0.179	mL
Gran factor 4	39226.888	
Added HCl 5	0.189	mL
Gran factor 5	44224.848	
Added HCl 6	0.199	mL
Gran factor 6	49859.117	
Added HCl 7	0.209	mL
Gran factor 7	54064.527	
Gran factor 8	58624.075	
n	3	
sum added HCl	0.48	
sum Gran factor	88831.08	
sum sq added HCl	0.08	
sum added HC*Gran factors	14228.52	
Y intercept	-53373.34	
slope	521910.06	
HCl at Gran end point	0.1023	mL

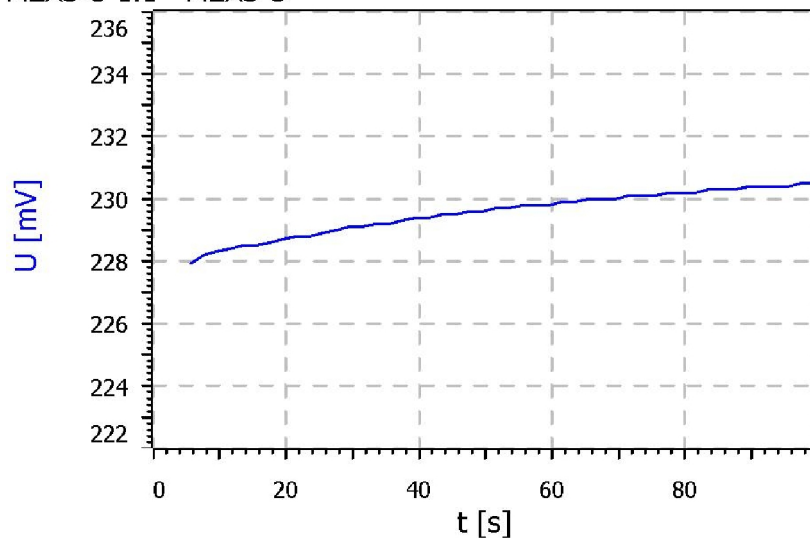
SET U 2.1 - SET U



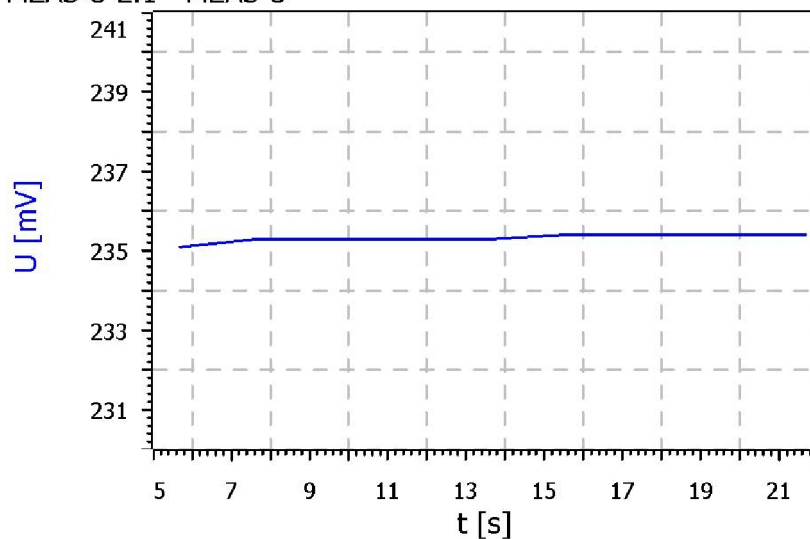
MEAS pmH.1 - MEAS pH



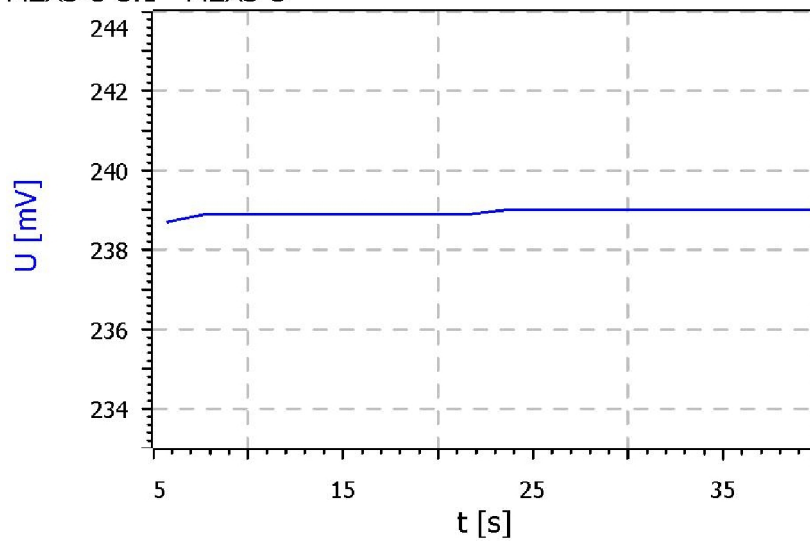
MEAS U 1.1 - MEAS U



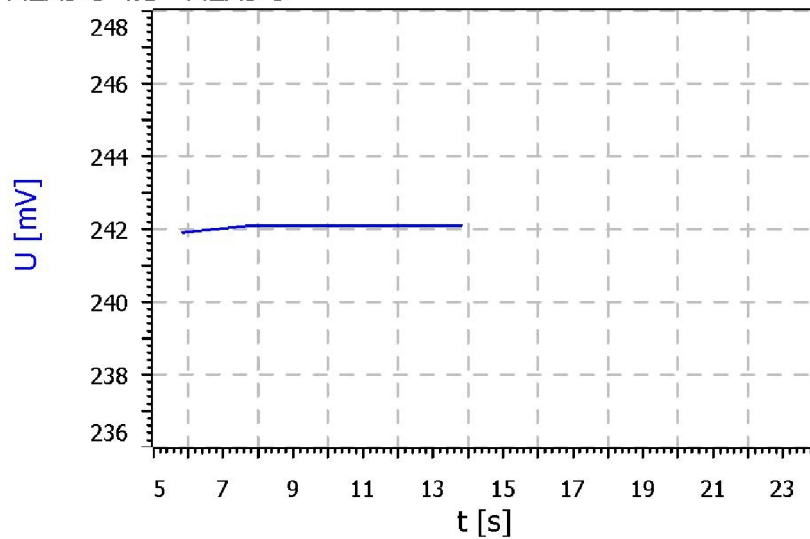
MEAS U 2.1 - MEAS U



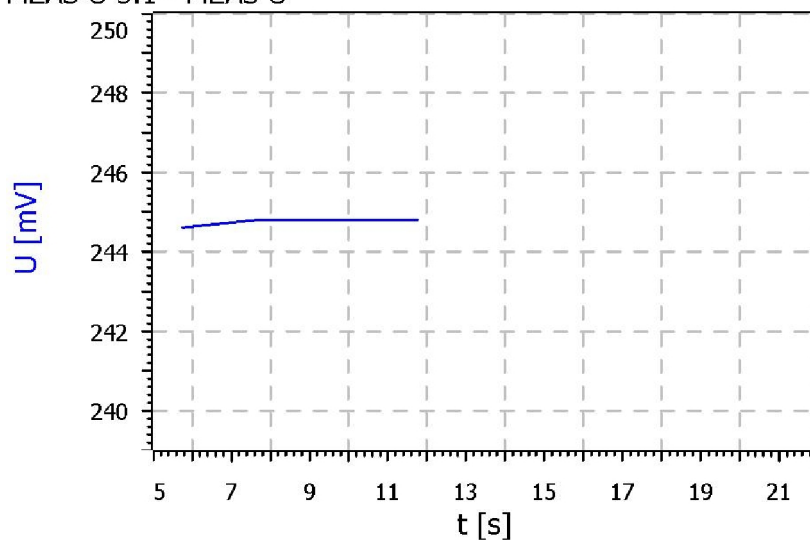
MEAS U 3.1 - MEAS U



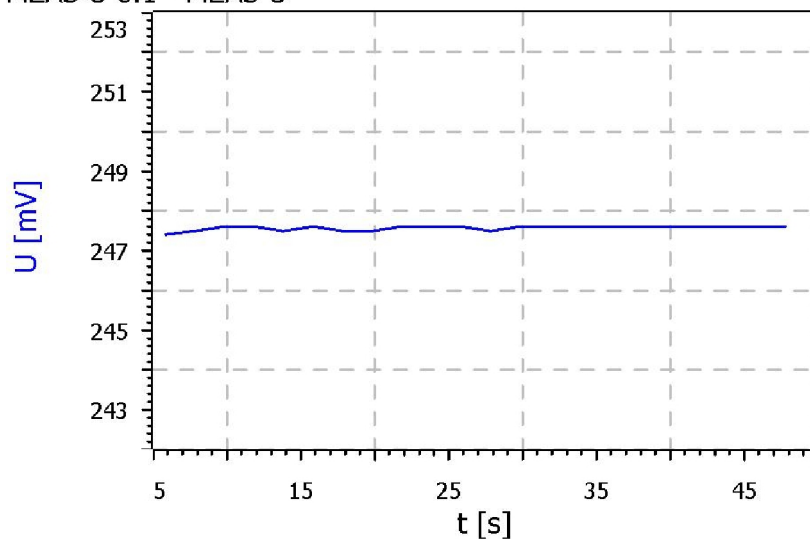
MEAS U 4.1 - MEAS U



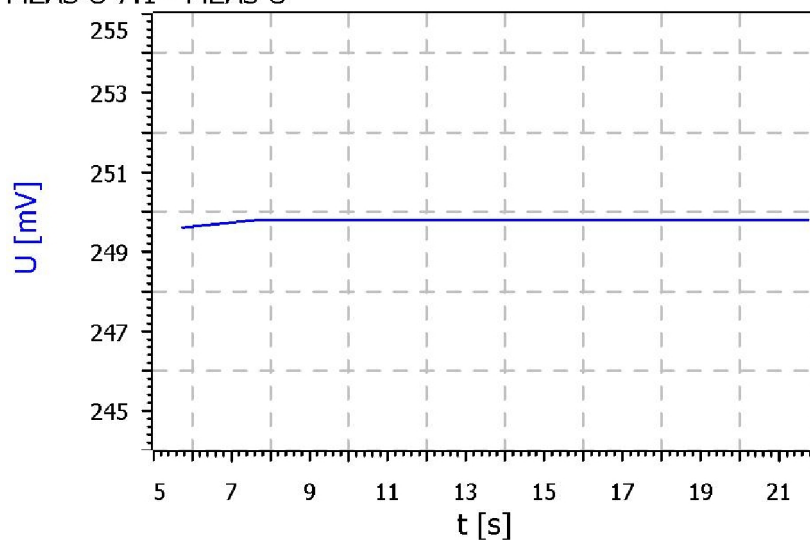
MEAS U 5.1 - MEAS U



MEAS U 6.1 - MEAS U



MEAS U 7.1 - MEAS U



MEAS U 8.1 - MEAS U

