

## Results report

Sample ID ..... 331-C0017C-1H-5\_115-125cm

pmH value ..... 7.410

Alkalinity ..... 3.205 mM

Added HCl volume (mL) ..... 0.218 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 19:27:43 UTC+9

User name ..... Eckert

## End points

### MEAS pH MEAS pmH.1

EME ..... 7.410 pH .....

### SET U SET U 2.1

EP1 ..... 0.1380 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 .....

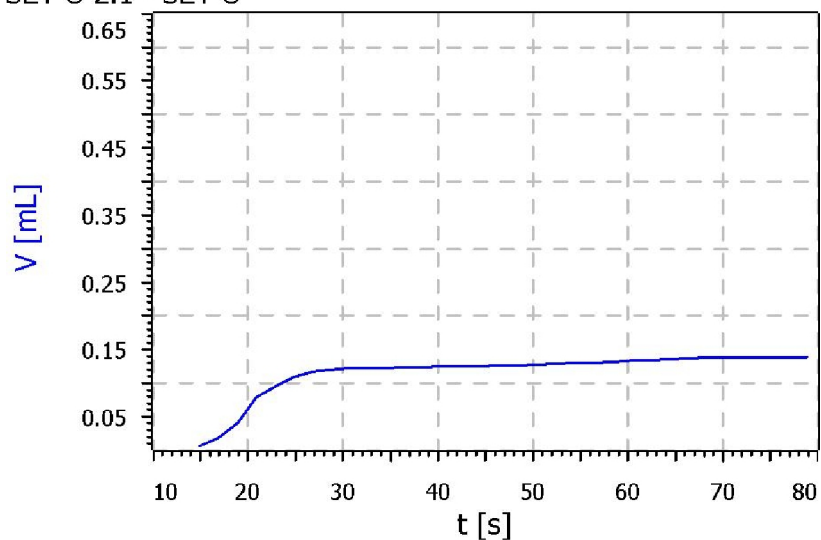
### MEAS U MEAS U 8.1

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

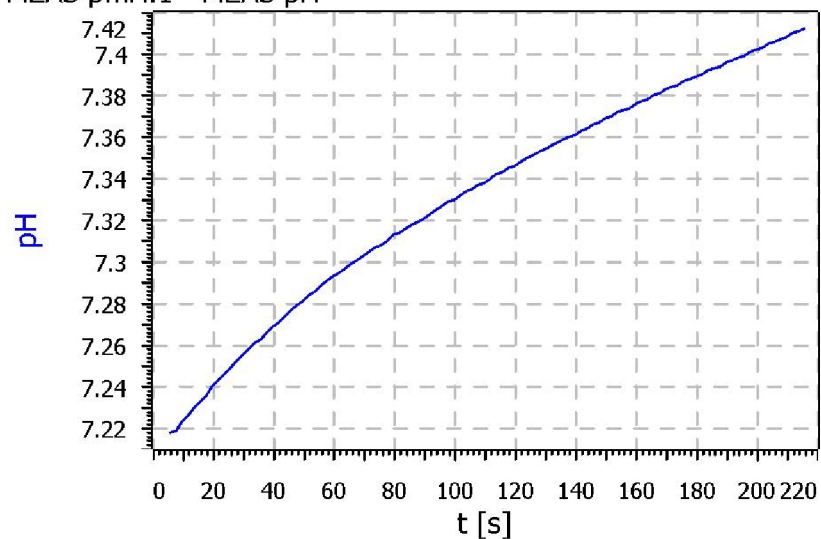
## Results

pmH	7.410	
Alkalinity	3.205	mol/L
HCl concentration	0.09496	
Added HCl 8	0.218	mL
Sample Name	331-C0017C-1H-5_115-125cm	
pH	invalid	
Added HCl at 210mV	0.138	mL
Gran factor 0	12718.321	
EMF0	213.400	
Added HCl 1	0.148	mL
Gran factor 1	24347.479	
Added HCl 2	0.158	mL
Gran factor 2	29673.054	
Added HCl 3	0.168	mL
Gran factor 3	34782.435	
Added HCl 4	0.178	mL
Gran factor 4	39214.548	
Added HCl 5	0.188	mL
Gran factor 5	44210.981	
Added HCl 6	0.198	mL
Gran factor 6	49843.532	
Added HCl 7	0.208	mL
Gran factor 7	54047.679	
Gran factor 8	58605.864	
n	3	
sum added HCl	0.47	
sum Gran factor	88802.97	
sum sq added HCl	0.08	
sum added HC*Gran factors	14135.22	
Y intercept	-52835.16	
slope	521747.81	
HCl at Gran end point	0.1013	mL

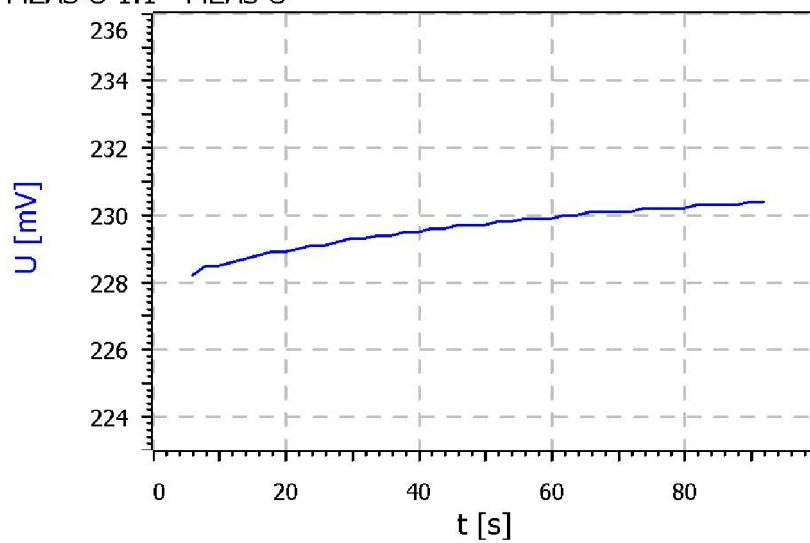
SET U 2.1 - SET U



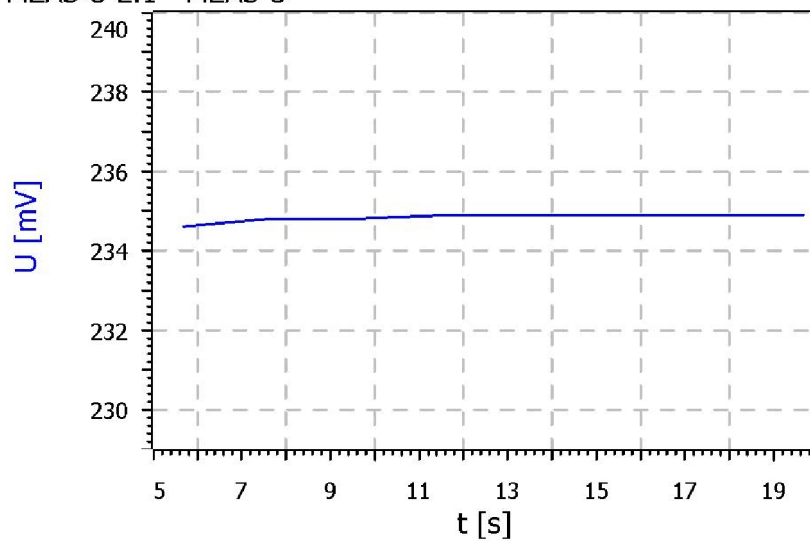
MEAS pmH.1 - MEAS pH



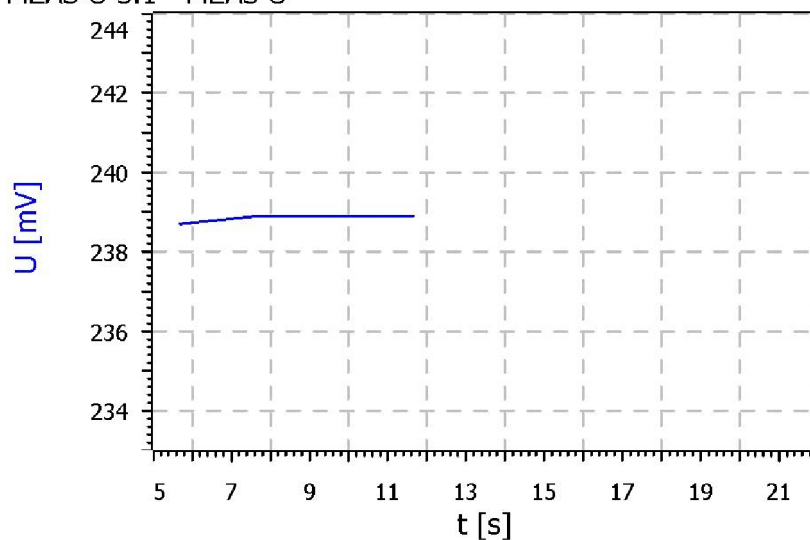
MEAS U 1.1 - MEAS U



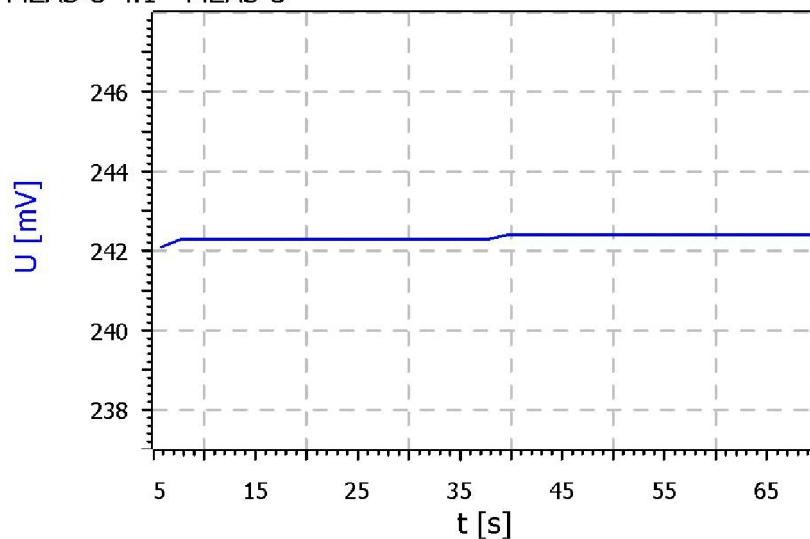
MEAS U 2.1 - MEAS U



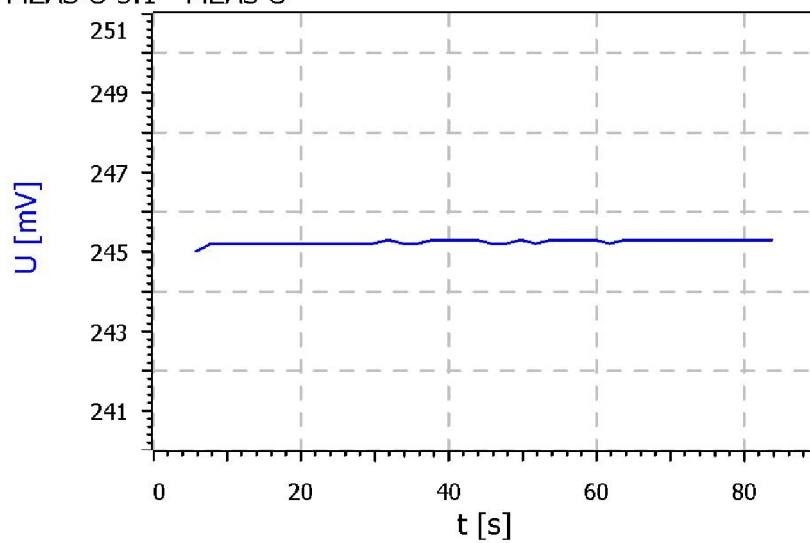
MEAS U 3.1 - MEAS U



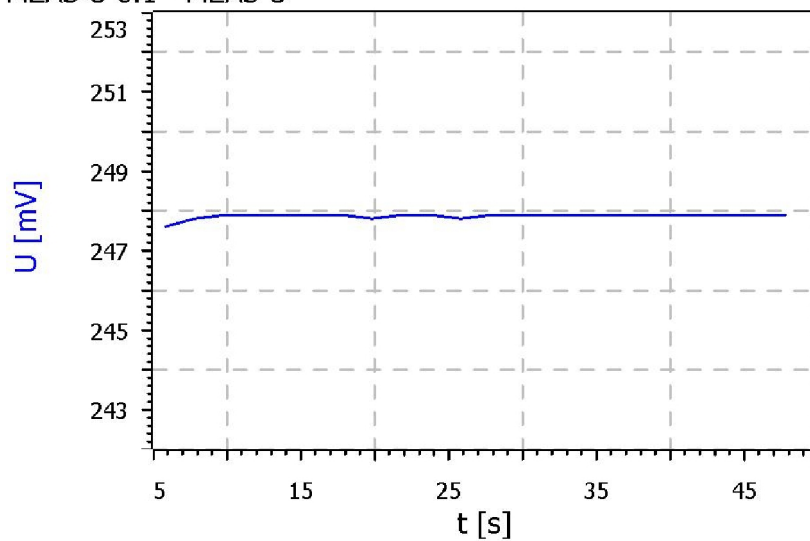
MEAS U 4.1 - MEAS U



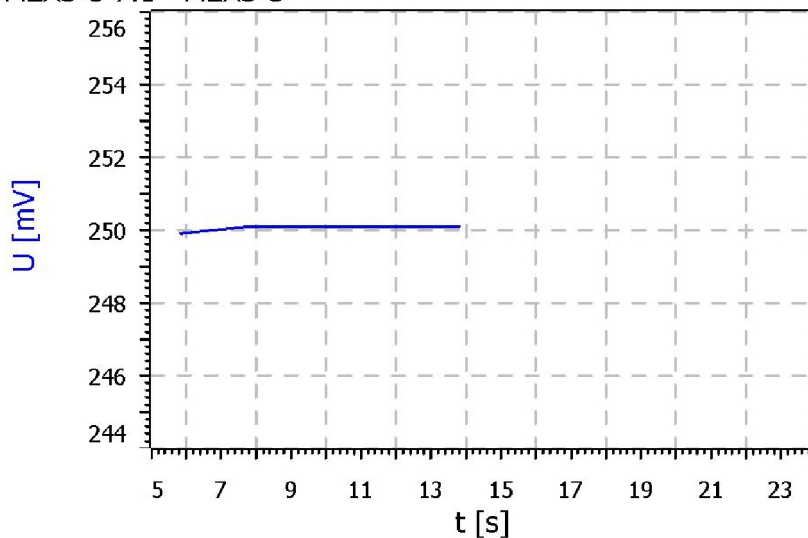
MEAS U 5.1 - MEAS U



MEAS U 6.1 - MEAS U



MEAS U 7.1 - MEAS U



MEAS U 8.1 - MEAS U

