

## Results report

Sample ID ..... 331-C0017D-2H-5\_30-40cm

pmH value ..... 7.430

Alkalinity ..... 3.001 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 ..... 2010-09-28 12:36:35 UTC+9

User name ..... Eckert

## End points

### MEAS pH MEAS pmH.1

EME ..... 7.430 pH .....

### SET U SET U 2.1

EP1 ..... 0.1380 mL ..... invalid s

### MEAS U MEAS U 1.1

EME ..... 232.0 mV .....

### MEAS U MEAS U 2.1

EME ..... 236.0 mV .....

### MEAS U MEAS U 3.1

EME ..... 240.0 mV .....

### MEAS U MEAS U 4.1

EME ..... 243.0 mV .....

### MEAS U MEAS U 5.1

EME ..... 246.0 mV .....

### MEAS U MEAS U 6.1

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

### MEAS U MEAS U 7.1

EME ..... 251.0 mV .....

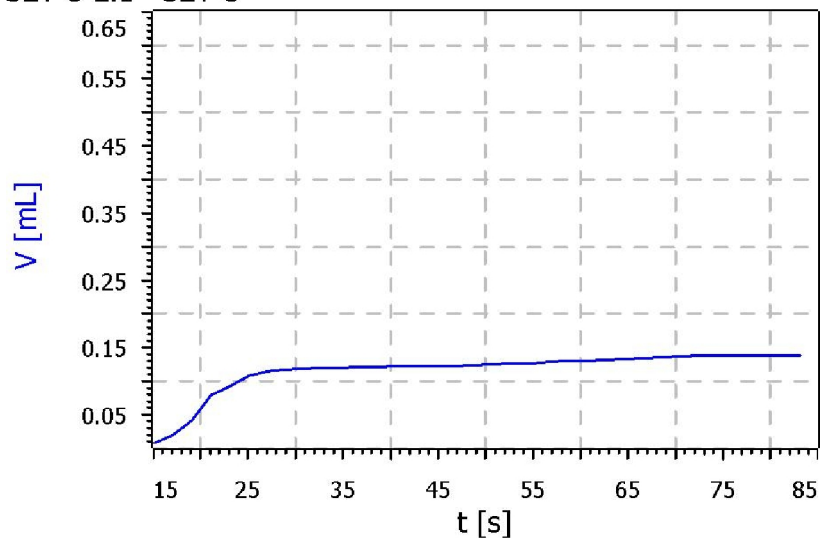
### MEAS U MEAS U 8.1

EME ..... 253.0 mV .....

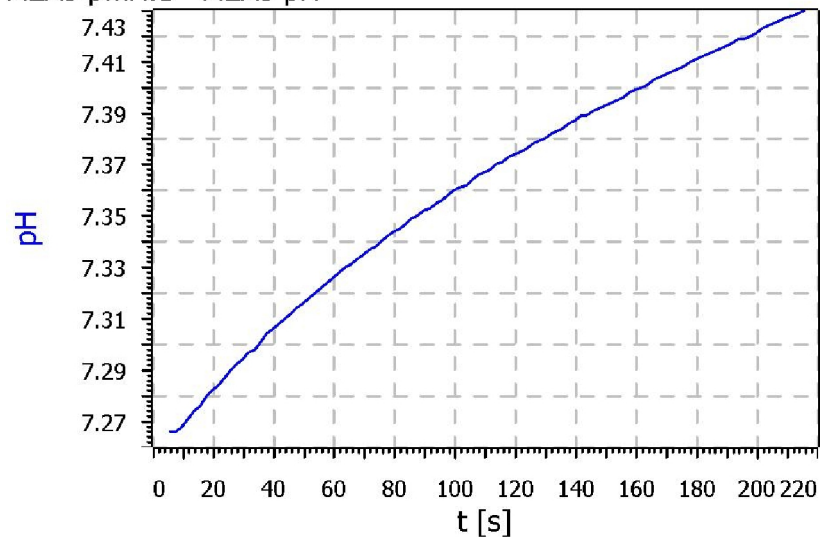
## Results

pmH	7.430	
Alkalinity	3.001	mol/L
HCl concentration	0.09496	
Added HCl 8	0.218	mL
Sample Name	331-C0017D-2H-5_30-40cm	
pH	invalid	
Added HCl at 210mV	0.138	mL
Gran factor 0	12917.910	
EMF0	213.800	
Added HCl 1	0.148	mL
Gran factor 1	26318.815	
Added HCl 2	0.158	mL
Gran factor 2	30850.942	
Added HCl 3	0.168	mL
Gran factor 3	36163.142	
Added HCl 4	0.178	mL
Gran factor 4	40771.190	
Added HCl 5	0.188	mL
Gran factor 5	45965.958	
Added HCl 6	0.198	mL
Gran factor 6	49843.532	
Added HCl 7	0.208	mL
Gran factor 7	56193.129	
Gran factor 8	60932.253	
n	3	
sum added HCl	0.47	
sum Gran factor	93332.90	
sum sq added HCl	0.08	
sum added HC*Gran factors	14845.04	
Y intercept	-46659.21	
slope	492216.32	
HCl at Gran end point	0.0948	mL

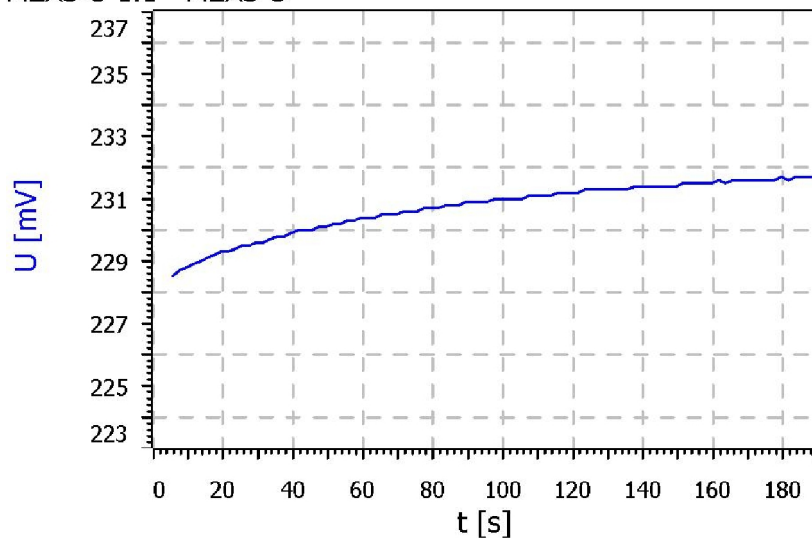
SET U 2.1 - SET U



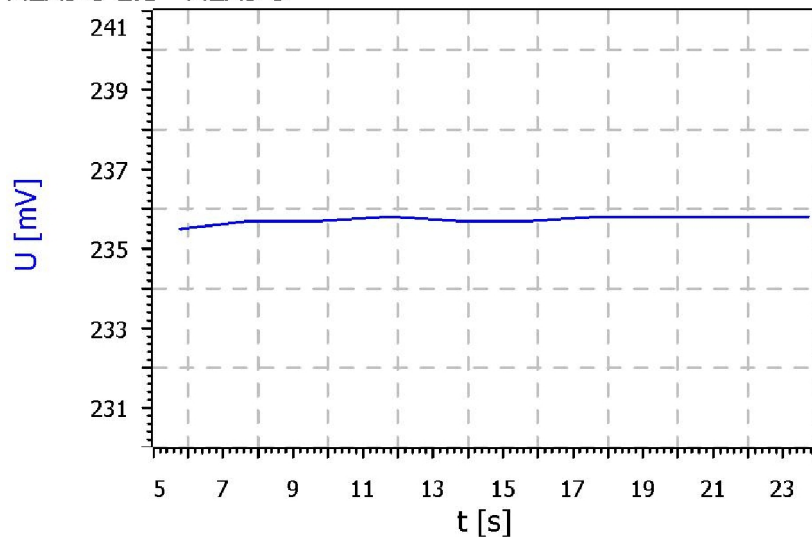
MEAS pmH.1 - MEAS pH



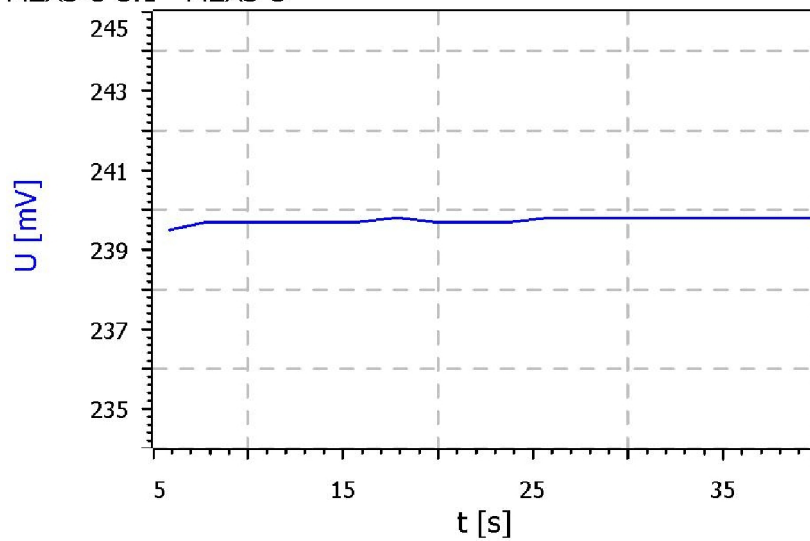
MEAS U 1.1 - MEAS U



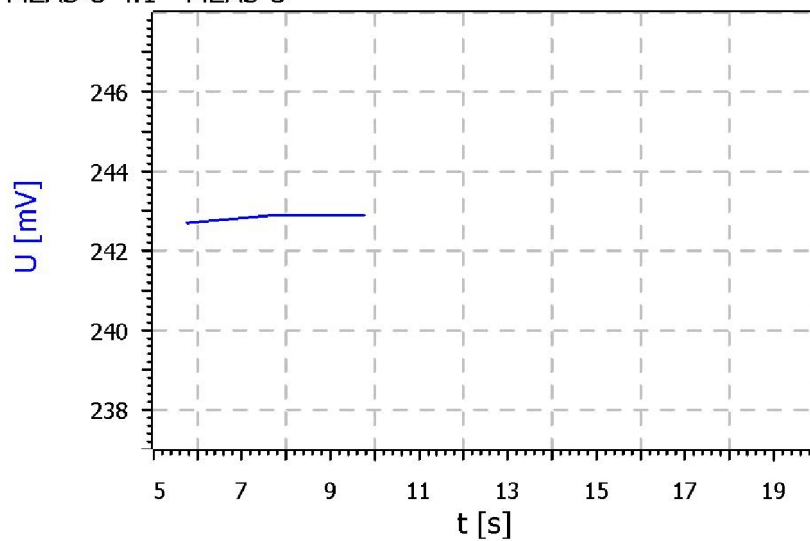
MEAS U 2.1 - MEAS U



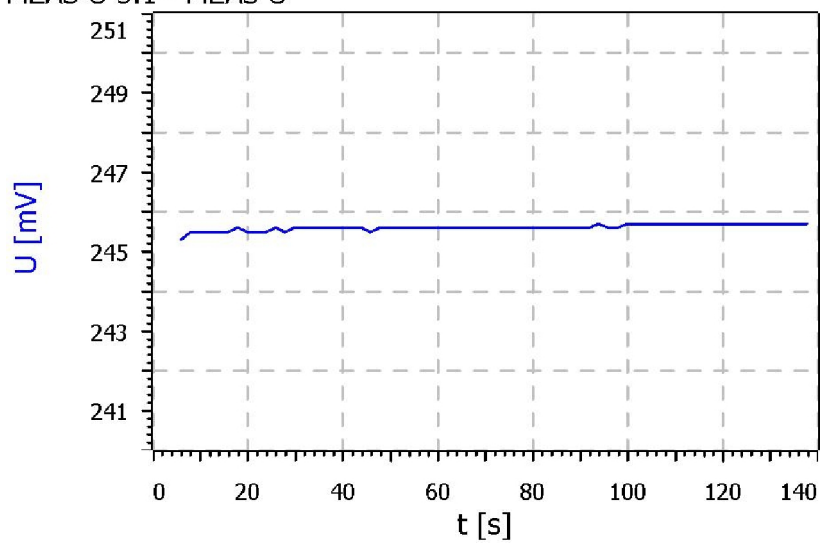
MEAS U 3.1 - MEAS U



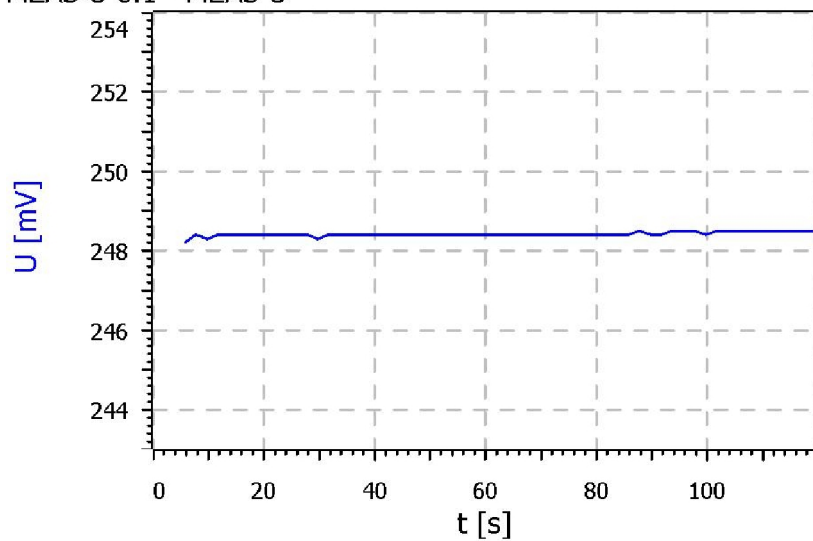
MEAS U 4.1 - MEAS U



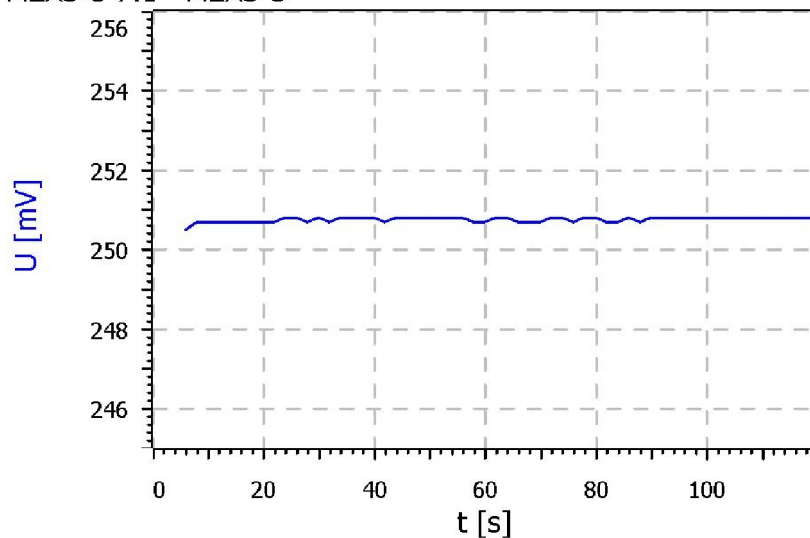
MEAS U 5.1 - MEAS U



MEAS U 6.1 - MEAS U



MEAS U 7.1 - MEAS U



MEAS U 8.1 - MEAS U

