

## Results report

Sample ID ..... 331-C0014D-2H-2\_95-110cm

pmH value ..... 6.640

Alkalinity ..... 4.986 mM

Added HCl volume (mL) ..... 0.280 mL

Sample size ..... 3mL

HCl concentration ..... 0.09583 mol/L

## Determination

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

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

Determination start ..... 2010-09-18 19:49:53 UTC+9

User name ..... Eckert

## End points

### MEAS pH MEAS pmH.1

EME ..... 6.640 pH .....

### SET U SET U 2.1

EP1 ..... 0.2000 mL ..... invalid s

### MEAS U MEAS U 1.1

EME ..... 227.0 mV .....

### MEAS U MEAS U 2.1

EME ..... 231.0 mV .....

### MEAS U MEAS U 3.1

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

### MEAS U MEAS U 4.1

EME ..... 238.0 mV .....

### MEAS U MEAS U 5.1

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

### MEAS U MEAS U 6.1

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

### MEAS U MEAS U 7.1

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

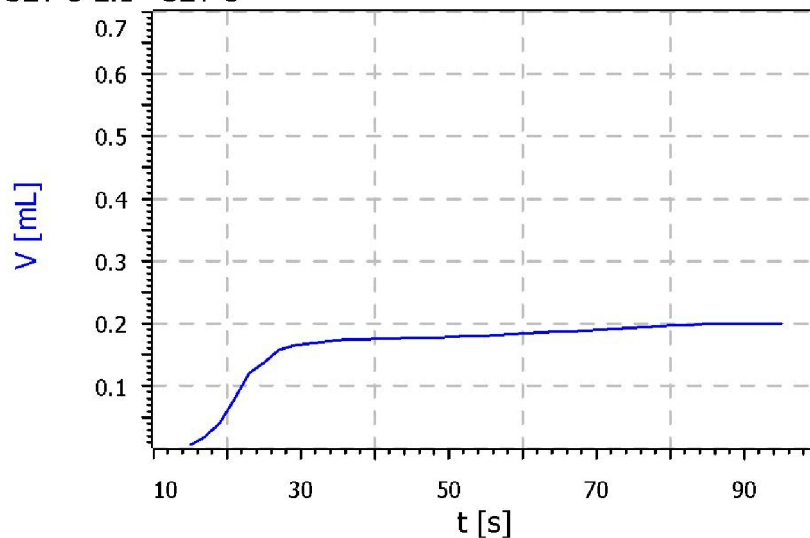
### MEAS U MEAS U 8.1

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

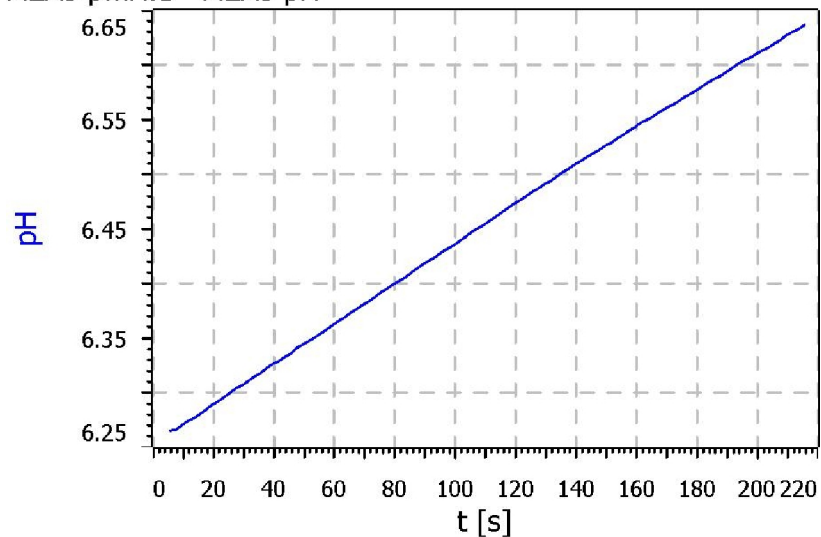
## Results

pmH	6.640	
Alkalinity	4.986	mol/L
HCl concentration	0.09583	
Added HCl 8	0.280	mL
Sample Name	331-C0014D-2H-2_95-110cm	
pH	invalid	
Added HCl at 210mV	0.200	mL
Gran factor 0	12670.190	
EMF0	212.800	
Added HCl 1	0.210	mL
Gran factor 1	22090.513	
Added HCl 2	0.220	mL
Gran factor 2	25892.937	
Added HCl 3	0.230	mL
Gran factor 3	30349.577	
Added HCl 4	0.240	mL
Gran factor 4	34214.772	
Added HCl 5	0.250	mL
Gran factor 5	38571.854	
Added HCl 6	0.260	mL
Gran factor 6	43483.377	
Added HCl 7	0.270	mL
Gran factor 7	47148.270	
Gran factor 8	51121.571	
n	4	
sum added HCl	0.90	
sum Gran factor	112547.80	
sum sq added HCl	0.20	
sum added HC*Gran factors	25527.40	
Y intercept	-63729.24	
slope	408294.18	
HCl at Gran end point	0.1561	mL

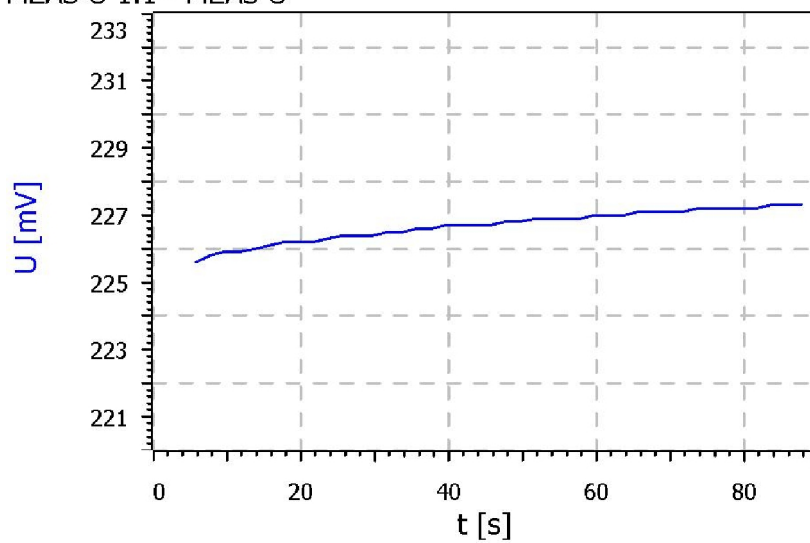
SET U 2.1 - SET U



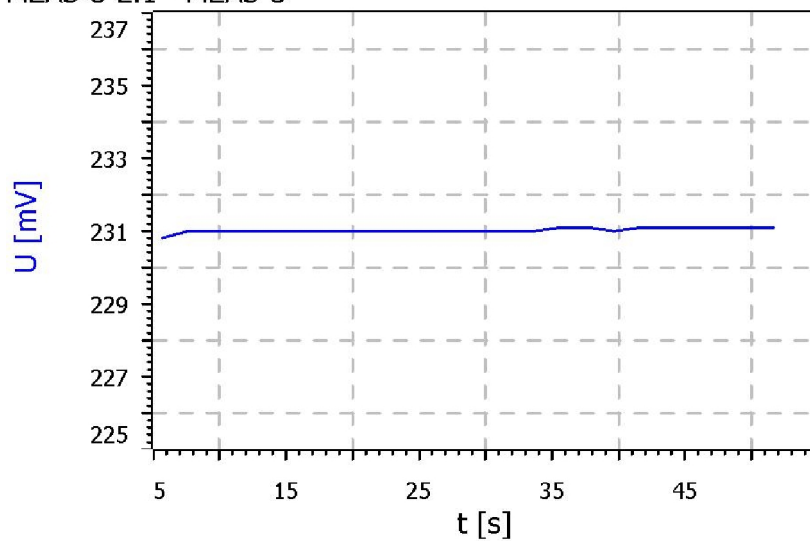
MEAS pmH.1 - MEAS pH



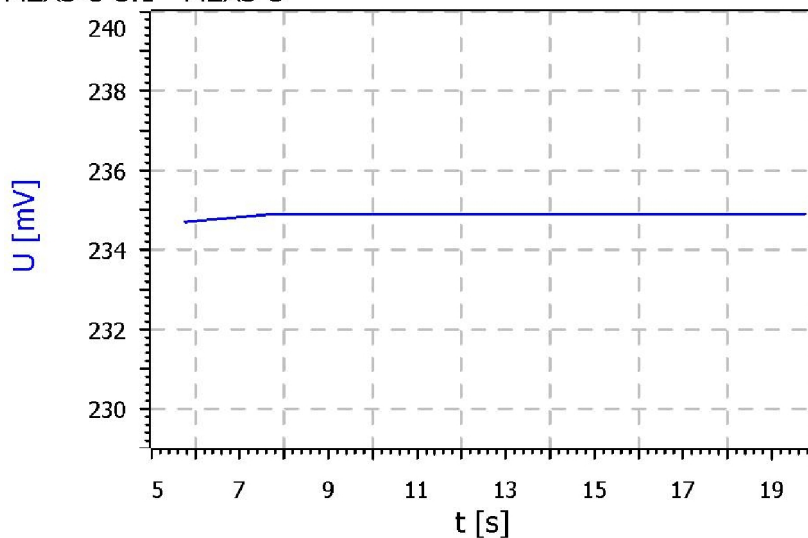
MEAS U 1.1 - MEAS U



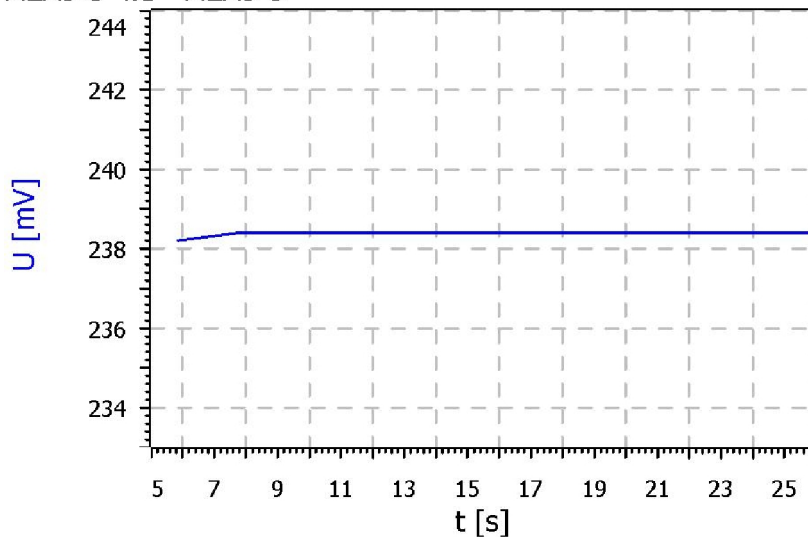
MEAS U 2.1 - MEAS U



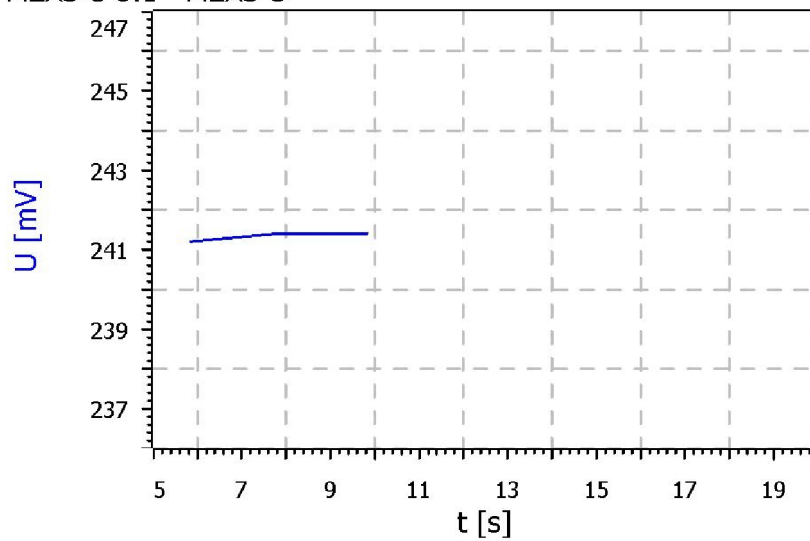
MEAS U 3.1 - MEAS U



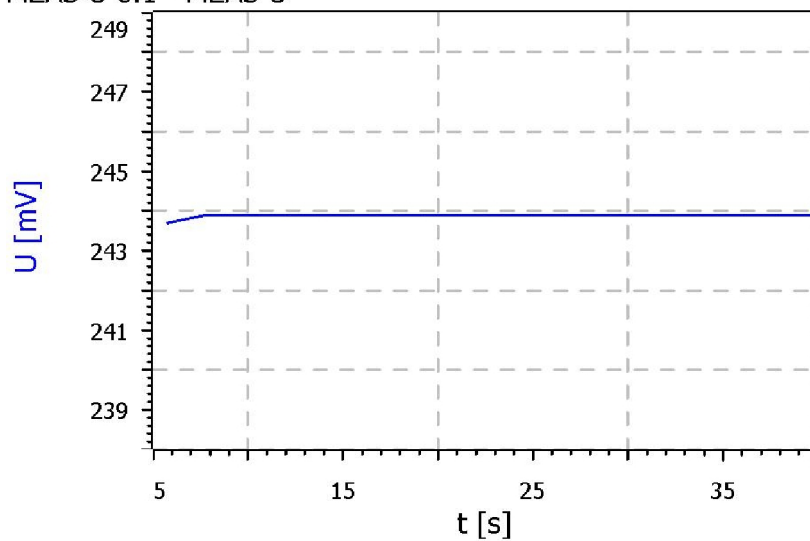
MEAS U 4.1 - MEAS U



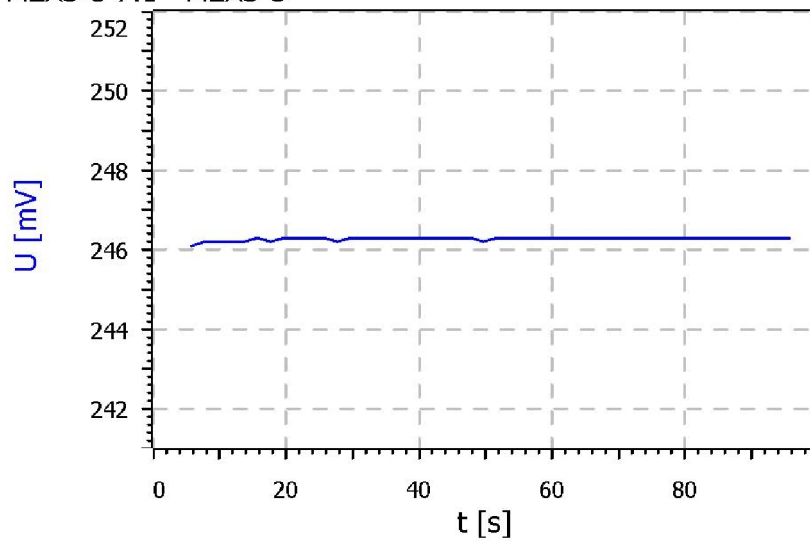
MEAS U 5.1 - MEAS U



MEAS U 6.1 - MEAS U



MEAS U 7.1 - MEAS U



MEAS U 8.1 - MEAS U

