

## Results report

Sample ID ..... 331-C0014E-2H-8\_40-55cm

pmH value ..... 6.970

Alkalinity ..... 11.138 mM

Added HCl volume (mL) ..... 0.478 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 23:43:05 UTC+9

User name ..... Eckert

## End points

### MEAS pH MEAS pmH.1

EME ..... 6.970 pH .....

### SET U SET U 2.1

EP1 ..... 0.3980 mL ..... invalid s

### MEAS U MEAS U 1.1

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

### MEAS U MEAS U 2.1

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

### MEAS U MEAS U 3.1

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

### MEAS U MEAS U 4.1

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

### MEAS U MEAS U 5.1

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

### MEAS U MEAS U 6.1

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

### MEAS U MEAS U 7.1

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

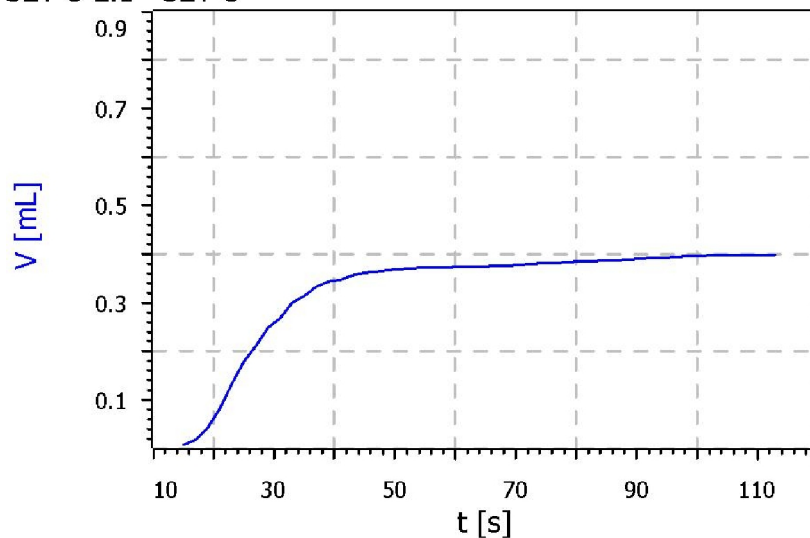
### MEAS U MEAS U 8.1

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

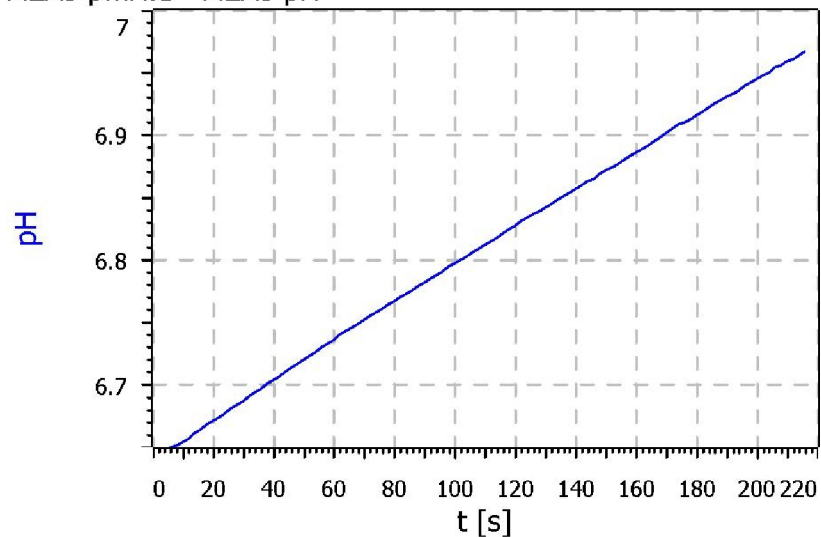
## Results

pmH	6.970	
Alkalinity	11.138	mol/L
HCl concentration	0.09583	
Added HCl 8	0.478	mL
Sample Name	331-C0014E-2H-8_40-55cm	
pH	invalid	
Added HCl at 210mV	0.398	mL
Gran factor 0	13988.227	
EMF0	213.800	
Added HCl 1	0.408	mL
Gran factor 1	26358.389	
Added HCl 2	0.418	mL
Gran factor 2	29710.492	
Added HCl 3	0.428	mL
Gran factor 3	34817.957	
Added HCl 4	0.438	mL
Gran factor 4	39245.228	
Added HCl 5	0.448	mL
Gran factor 5	44235.073	
Added HCl 6	0.458	mL
Gran factor 6	47955.323	
Added HCl 7	0.468	mL
Gran factor 7	51988.018	
Gran factor 8	56359.365	
n	4	
sum added HCl	1.69	
sum Gran factor	130132.07	
sum sq added HCl	0.72	
sum added HC*Gran factors	55264.70	
Y intercept	-152605.55	
slope	437679.81	
HCl at Gran end point	0.3487	mL

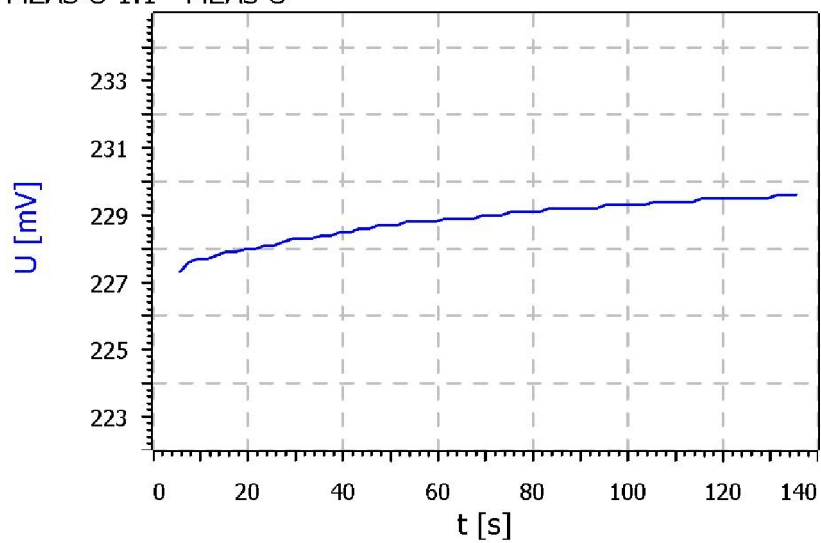
SET U 2.1 - SET U



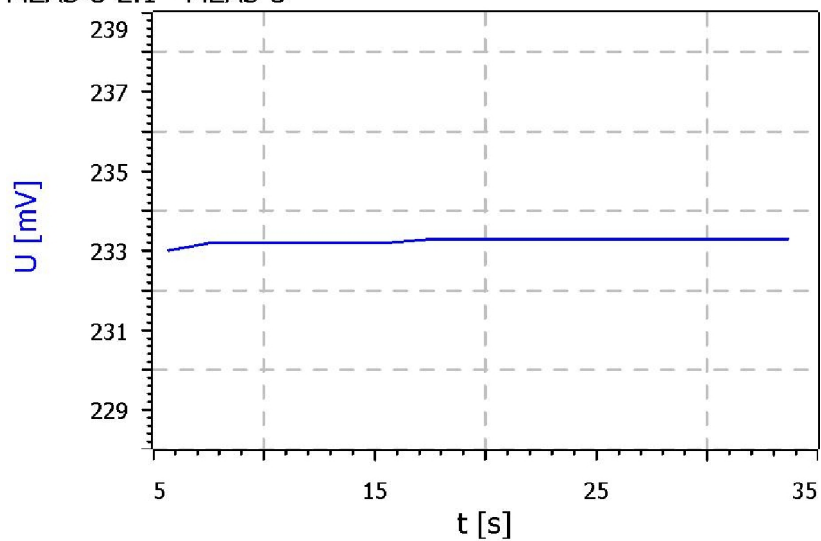
MEAS pmH.1 - MEAS pH



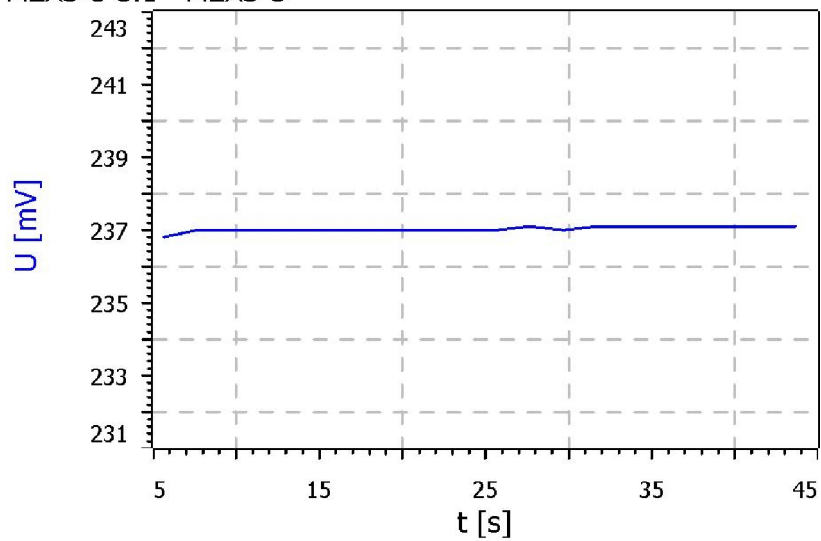
MEAS U 1.1 - MEAS U



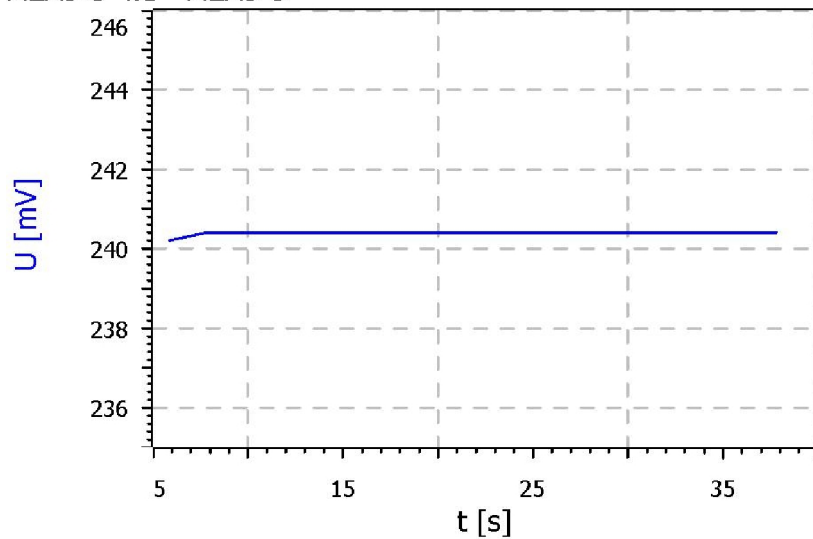
MEAS U 2.1 - MEAS U



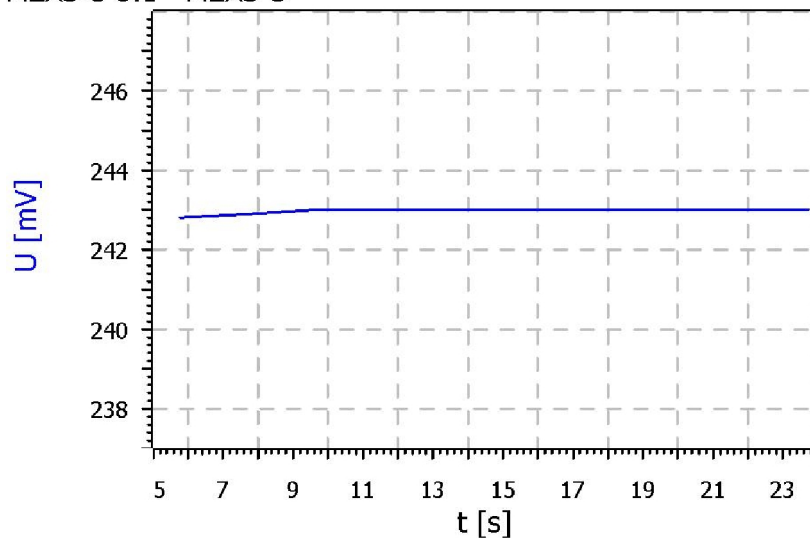
MEAS U 3.1 - MEAS U



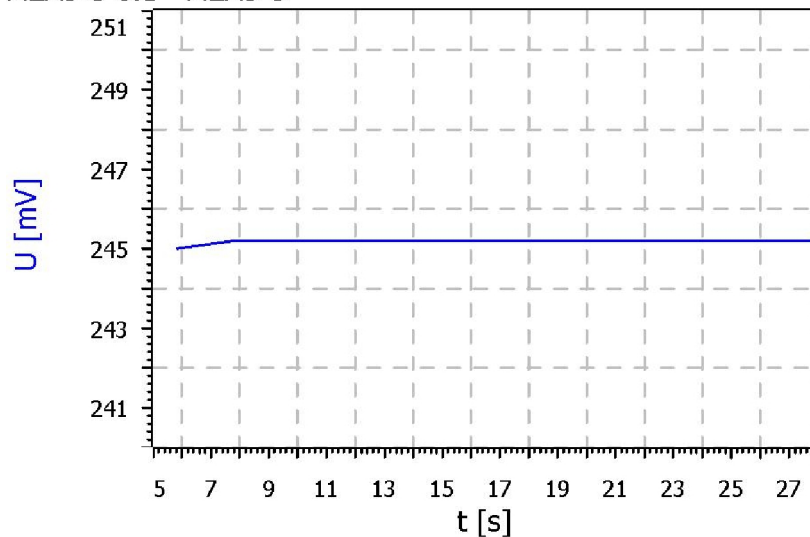
MEAS U 4.1 - MEAS U



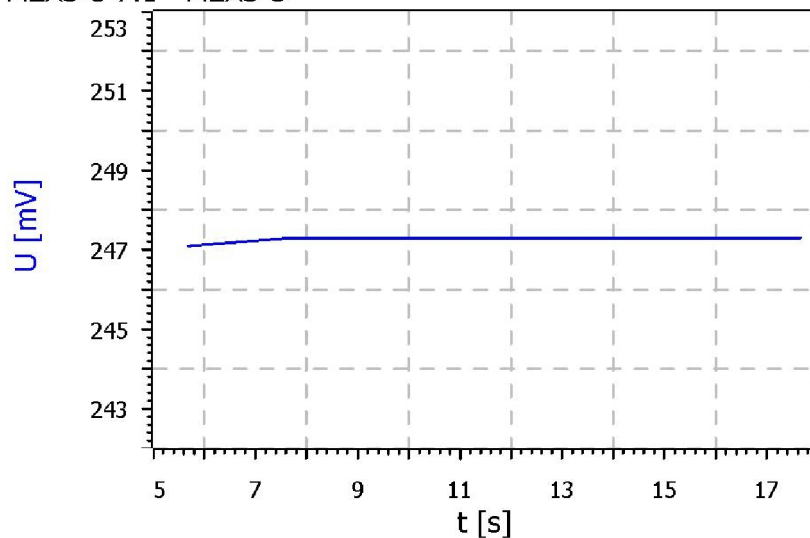
MEAS U 5.1 - MEAS U



MEAS U 6.1 - MEAS U



MEAS U 7.1 - MEAS U



MEAS U 8.1 - MEAS U

