

## Results report

Sample ID ..... 331-C0014D-2H-6\_9-19cm

pmH value ..... 6.910

Alkalinity ..... 11.369 mM

Added HCl volume (mL) ..... 0.488 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 18:41:55 UTC+9

User name ..... Eckert

## End points

### MEAS pH MEAS pmH.1

EME ..... 6.910 pH .....

### SET U SET U 2.1

EP1 ..... 0.4080 mL ..... invalid s

### MEAS U MEAS U 1.1

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

### MEAS U MEAS U 2.1

EME ..... 234.0 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 .....

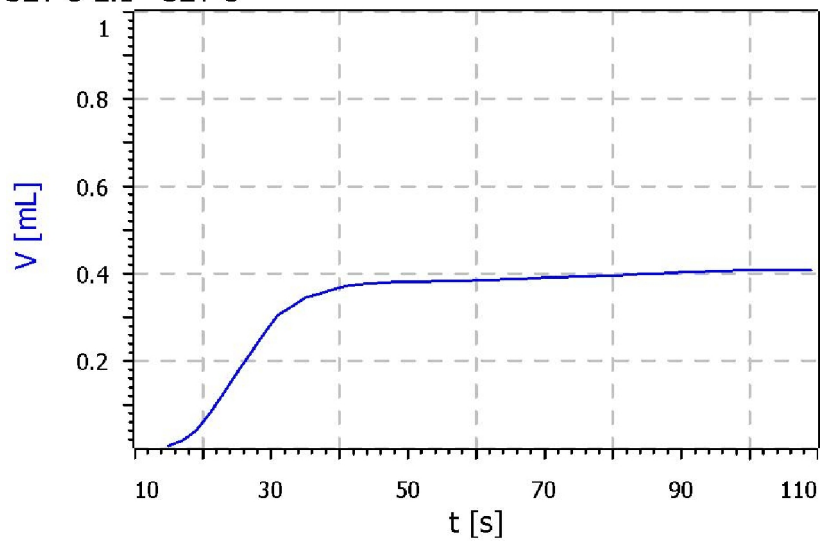
### MEAS U MEAS U 8.1

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

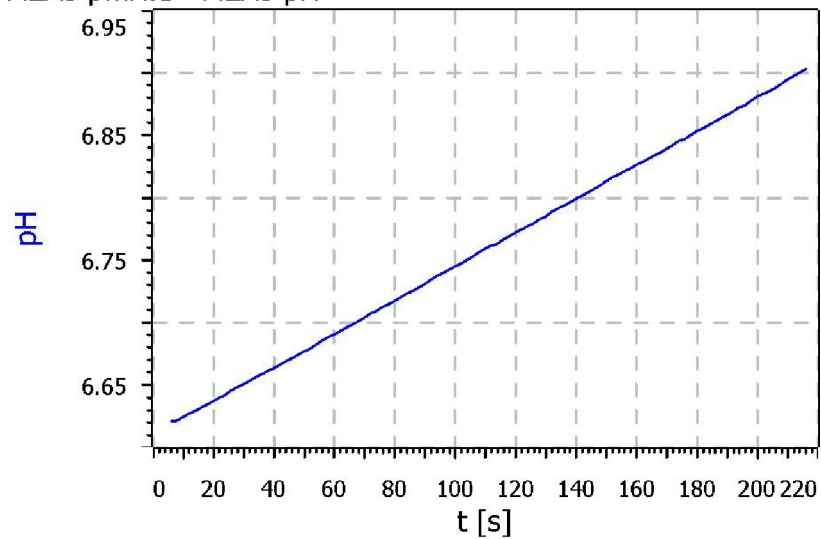
## Results

pmH	6.910	
Alkalinity	11.369	mol/L
HCl concentration	0.09583	
Added HCl 8	0.488	mL
Sample Name	331-C0014D-2H-6_9-19cm	
pH	invalid	
Added HCl at 210mV	0.408	mL
Gran factor 0	14360.931	
EMF0	214.400	
Added HCl 1	0.418	mL
Gran factor 1	26435.731	
Added HCl 2	0.428	mL
Gran factor 2	30980.239	
Added HCl 3	0.438	mL
Gran factor 3	34919.526	
Added HCl 4	0.448	mL
Gran factor 4	39359.379	
Added HCl 5	0.458	mL
Gran factor 5	44363.365	
Added HCl 6	0.468	mL
Gran factor 6	48094.003	
Added HCl 7	0.478	mL
Gran factor 7	52137.926	
Gran factor 8	58765.057	
n	4	
sum added HCl	1.73	
sum Gran factor	131694.88	
sum sq added HCl	0.75	
sum added HC*Gran factors	57237.43	
Y intercept	-152011.57	
slope	427102.29	
HCl at Gran end point	0.3559	mL

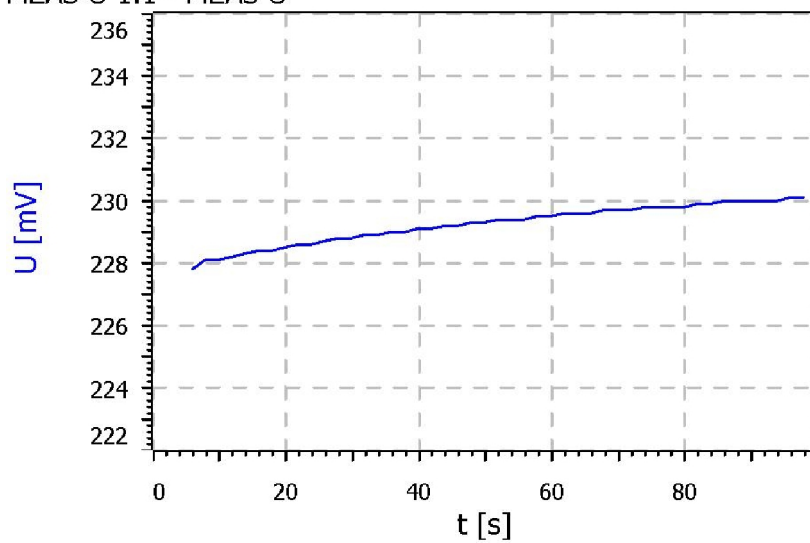
SET U 2.1 - SET U



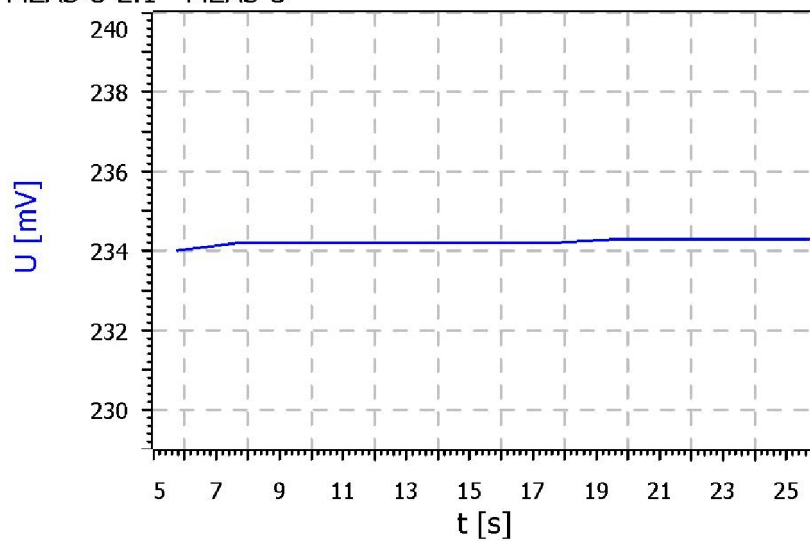
MEAS pmH.1 - MEAS pH



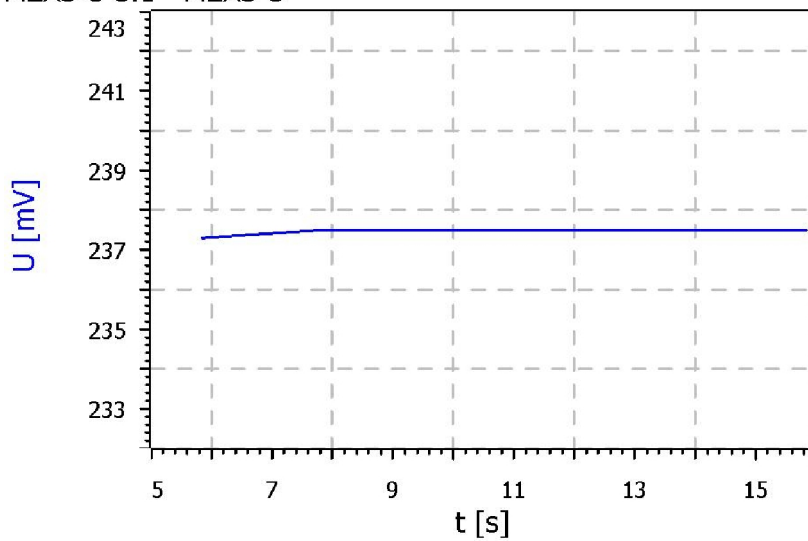
MEAS U 1.1 - MEAS U



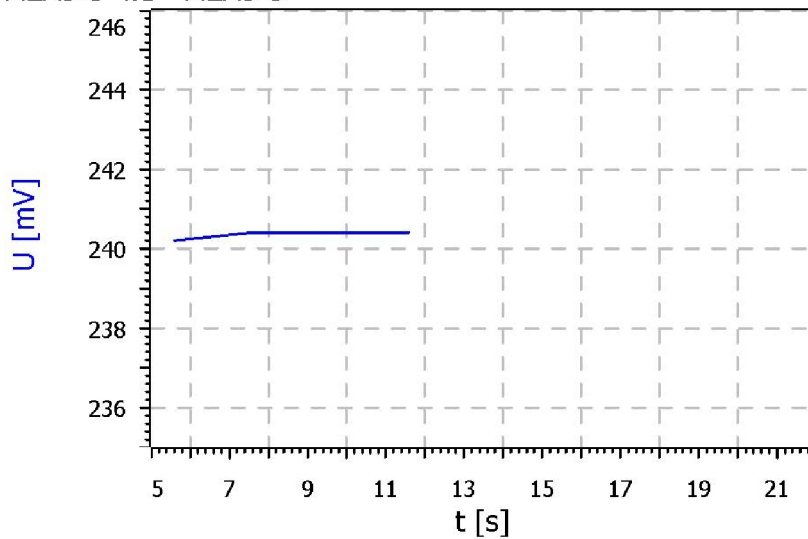
MEAS U 2.1 - MEAS U



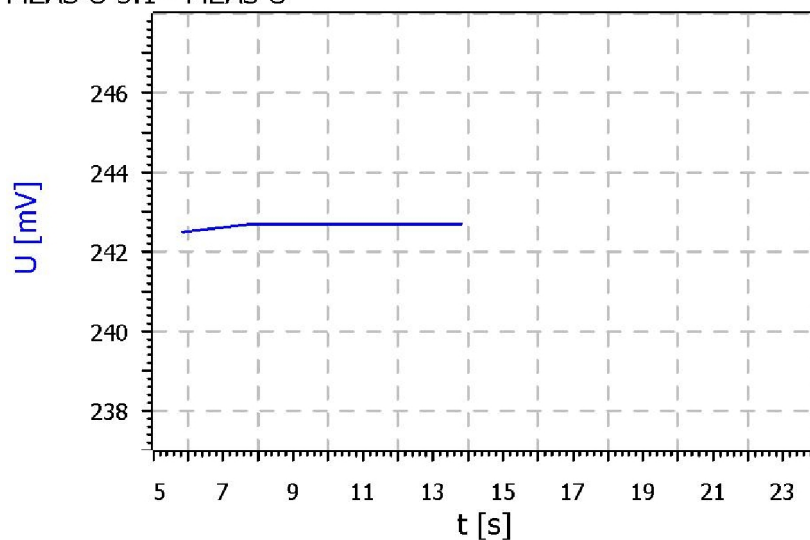
MEAS U 3.1 - MEAS U



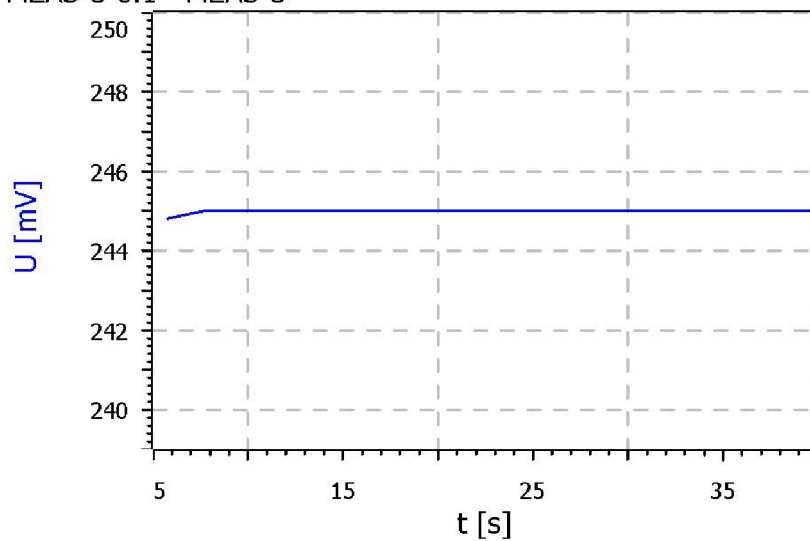
MEAS U 4.1 - MEAS U



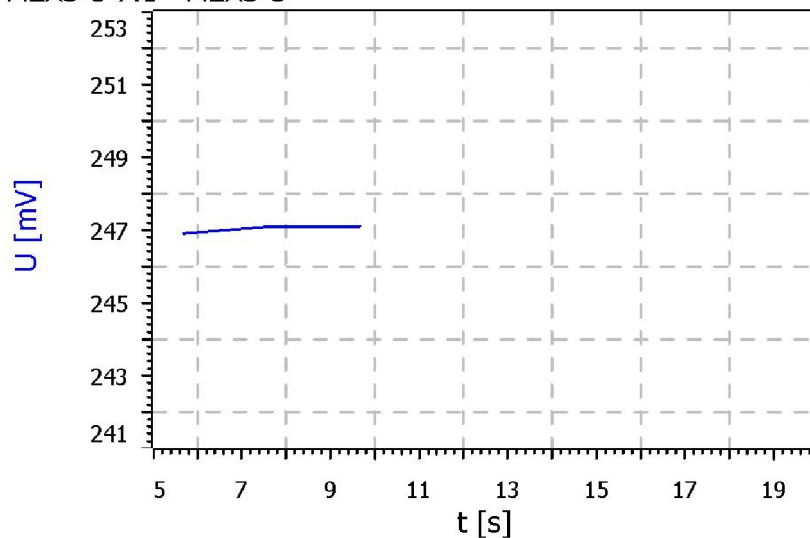
MEAS U 5.1 - MEAS U



MEAS U 6.1 - MEAS U



MEAS U 7.1 - MEAS U



MEAS U 8.1 - MEAS U

