

## Results report

Sample ID ..... 331-C0014D-1H-4\_10-22cm

pmH value ..... 6.940

Alkalinity ..... 2.985 mM

Added HCl volume (mL) ..... 0.213 mL

Sample size ..... 3mL

HCl concentration ..... 0.09564 mol/L

## Determination

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

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

Determination start ..... 2010-09-18 10:07:23 UTC+9

User name ..... mcmanus

## End points

### MEAS pH MEAS pmH.1

EME ..... 6.940 pH .....

### SET U SET U 2.1

EP1 ..... 0.1330 mL ..... invalid s

### MEAS U MEAS U 1.1

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

### MEAS U MEAS U 2.1

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

### MEAS U MEAS U 3.1

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

### MEAS U MEAS U 4.1

EME ..... 239.0 mV .....

### MEAS U MEAS U 5.1

EME ..... 242.0 mV .....

### MEAS U MEAS U 6.1

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

### MEAS U MEAS U 7.1

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

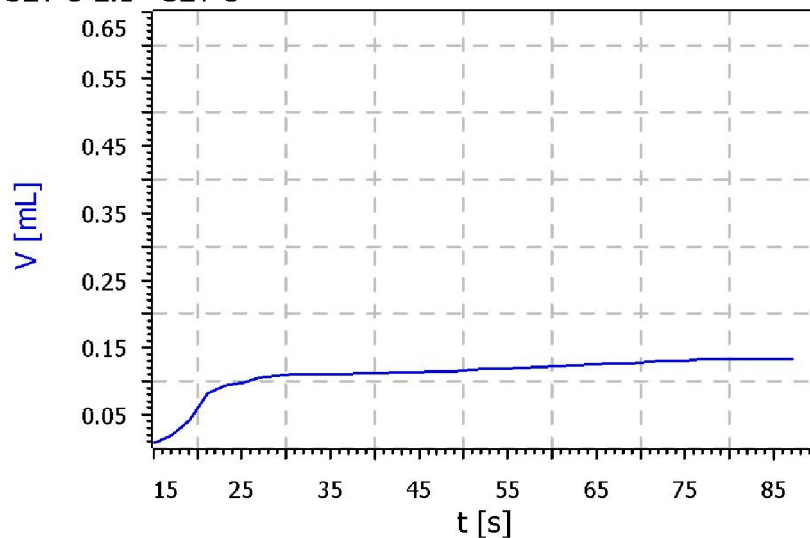
### MEAS U MEAS U 8.1

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

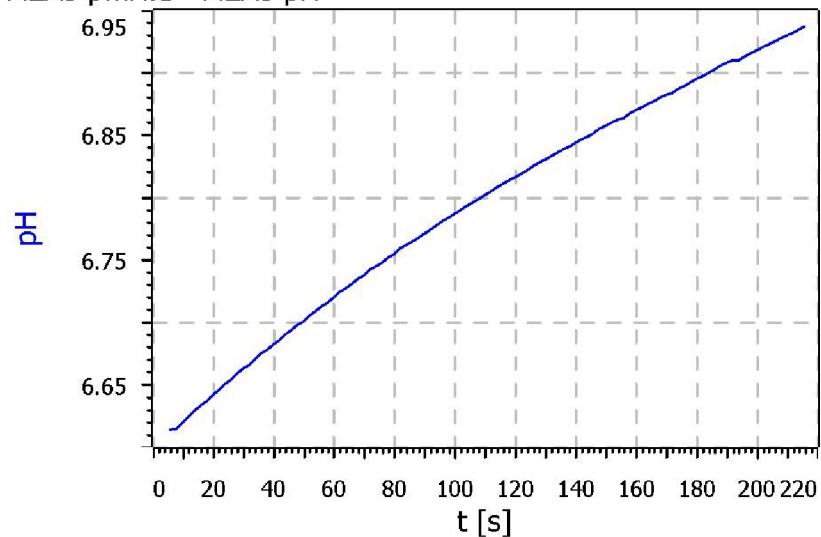
## Results

pmH	6.940	
Alkalinity	2.985	mol/L
HCl concentration	0.09564	
Added HCl 8	0.213	mL
Sample Name	331-C0014D-1H-4_10-22cm	
pH	invalid	
Added HCl at 210mV	0.133	mL
Gran factor 0	12797.303	
EMF0	213.600	
Added HCl 1	0.143	mL
Gran factor 1	21629.433	
Added HCl 2	0.153	mL
Gran factor 2	26360.618	
Added HCl 3	0.163	mL
Gran factor 3	30899.787	
Added HCl 4	0.173	mL
Gran factor 4	34837.332	
Added HCl 5	0.183	mL
Gran factor 5	39276.245	
Added HCl 6	0.193	mL
Gran factor 6	44280.320	
Added HCl 7	0.203	mL
Gran factor 7	48015.462	
Gran factor 8	52065.164	
n	4	
sum added HCl	0.63	
sum Gran factor	113727.17	
sum sq added HCl	0.10	
sum added HC*Gran factors	18189.71	
Y intercept	-41345.53	
slope	441628.64	
HCl at Gran end point	0.0936	mL

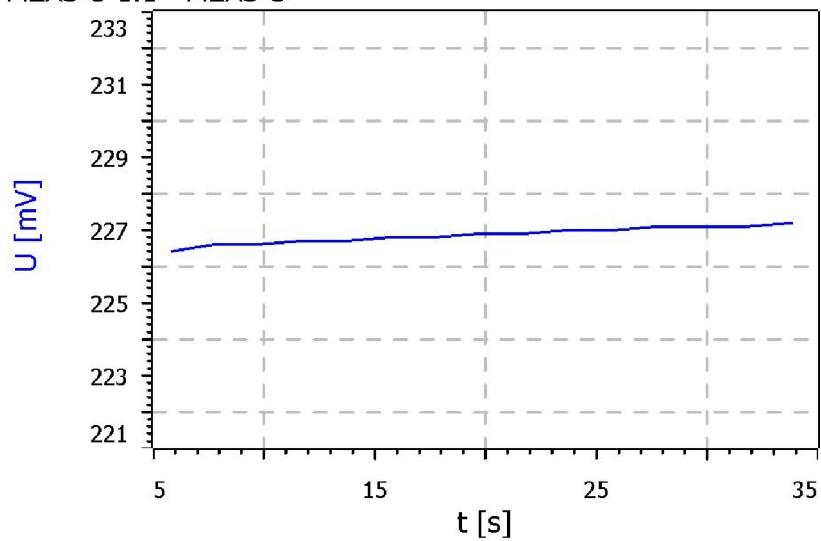
SET U 2.1 - SET U



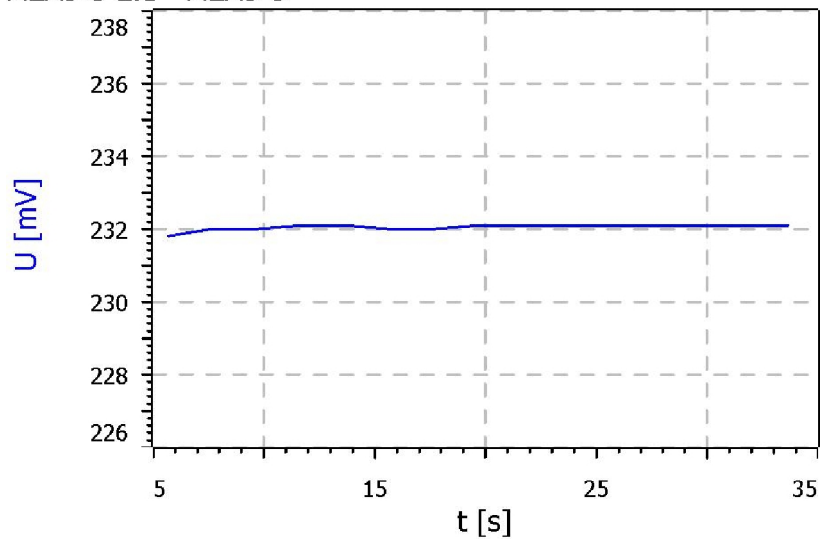
MEAS pmH.1 - MEAS pH



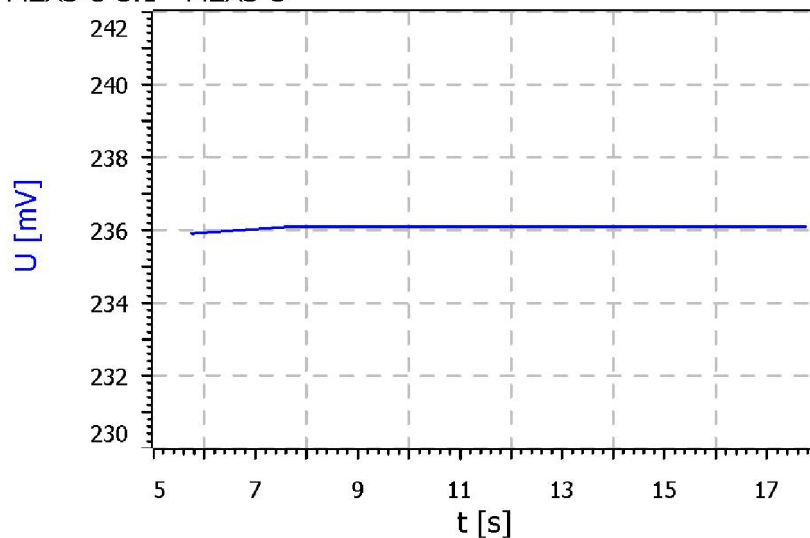
MEAS U 1.1 - MEAS U



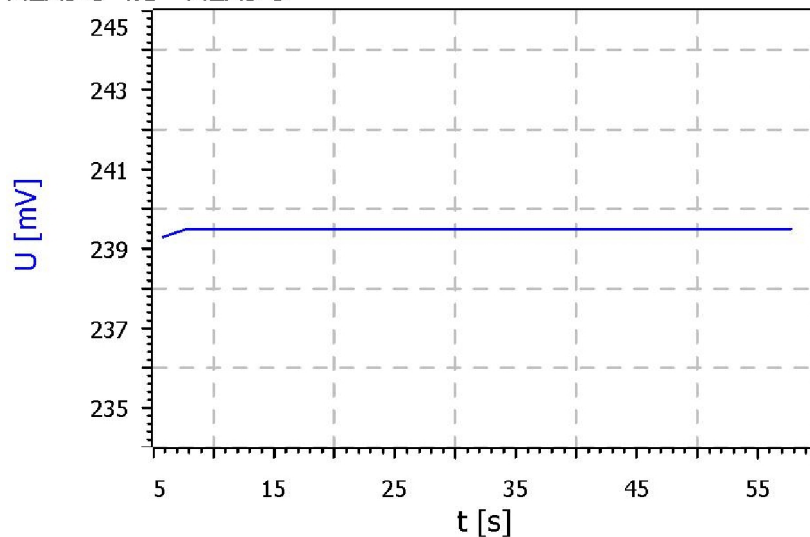
MEAS U 2.1 - MEAS U



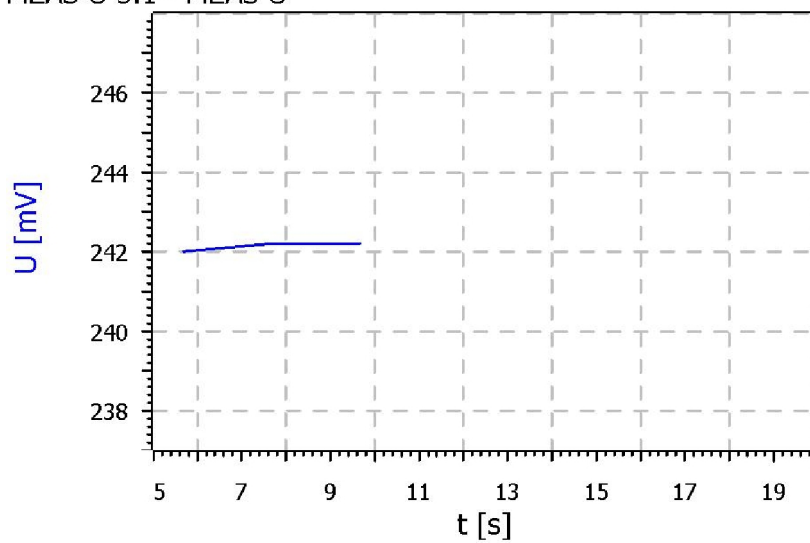
MEAS U 3.1 - MEAS U



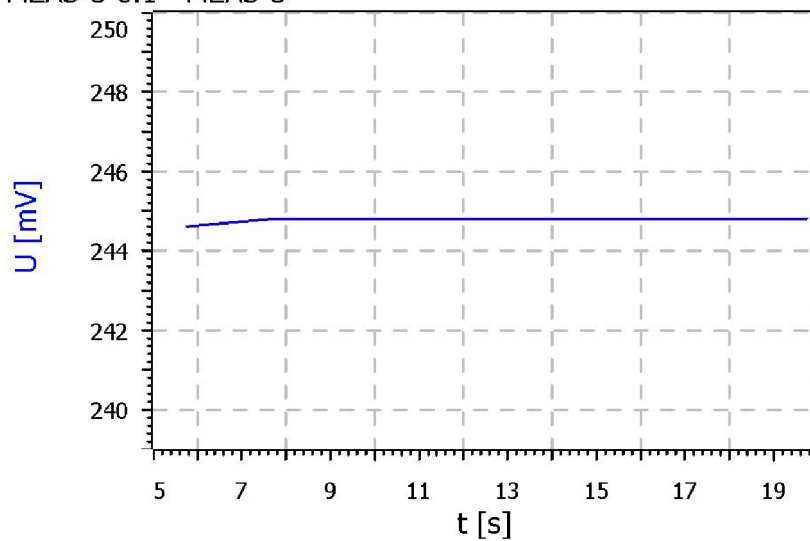
MEAS U 4.1 - MEAS U



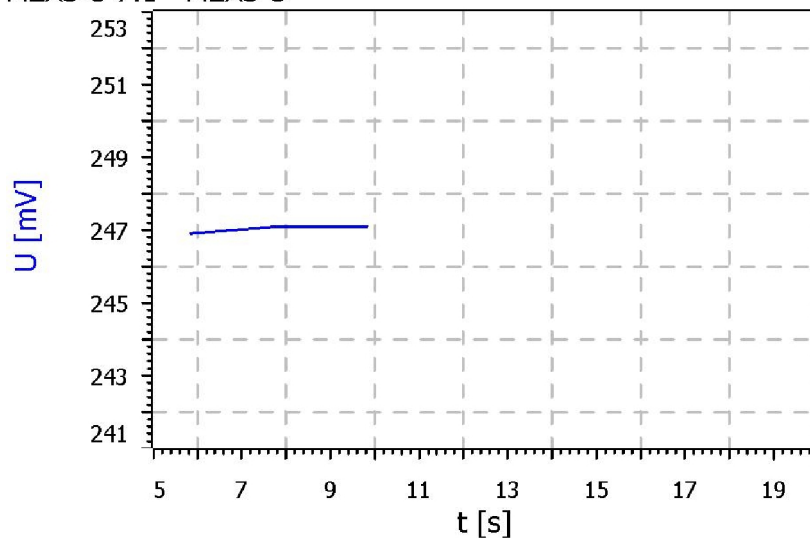
MEAS U 5.1 - MEAS U



MEAS U 6.1 - MEAS U



MEAS U 7.1 - MEAS U



MEAS U 8.1 - MEAS U

