

## Results report

Sample ID ..... 331-C0013E-1H-6\_62-72cm

pmH value ..... 7.670

Alkalinity ..... 12.462 mM

Added HCl volume (mL) ..... 0.530 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 ..... 2010-09-12 19:08:53 UTC+9

User name ..... Eckert

## End points

### MEAS pH MEAS pmH.1

EME ..... 7.670 pH ....

### SET U SET U 2.1

EP1 ..... 0.4500 mL ..... invalid s

### MEAS U MEAS U 1.1

EME ..... 219.0 mV ....

### MEAS U MEAS U 2.1

EME ..... 222.0 mV ....

### MEAS U MEAS U 3.1

EME ..... 225.0 mV ....

### MEAS U MEAS U 4.1

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

### MEAS U MEAS U 5.1

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

### MEAS U MEAS U 6.1

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

### MEAS U MEAS U 7.1

EME ..... 234.0 mV ....

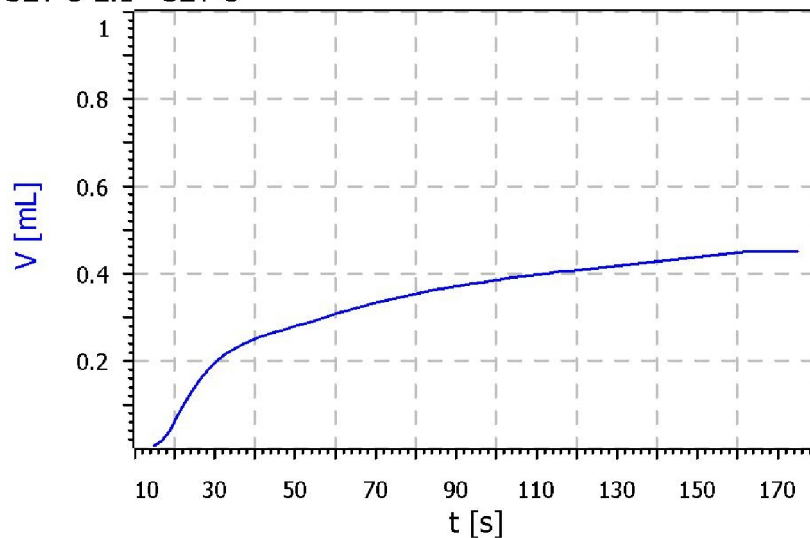
### MEAS U MEAS U 8.1

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

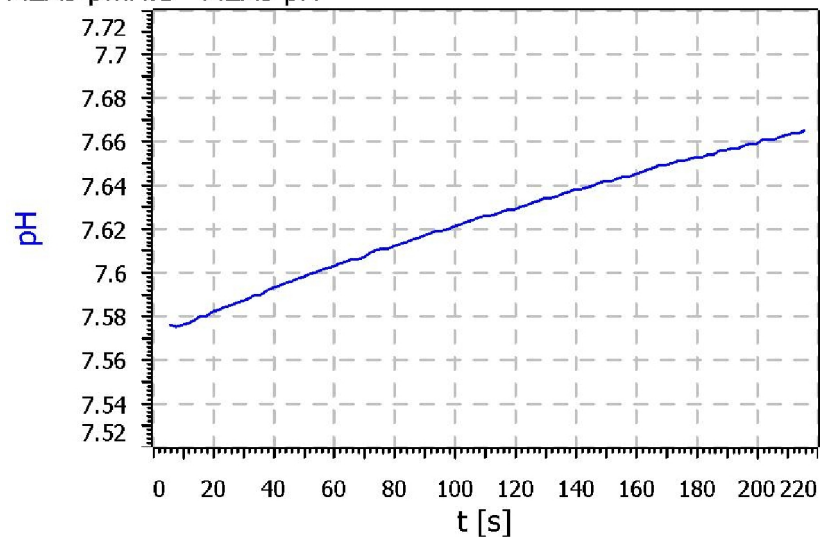
## Results

pmH	7.670	
Alkalinity	12.462	mol/L
HCl concentration	0.09564	
Added HCl 8	0.530	mL
Sample Name	331-C0013E-1H-6_62-72cm	
pH	invalid	
Added HCl at 210mV	0.450	mL
Gran factor 0	13448.993	
EMF0	212.400	
Added HCl 1	0.460	mL
Gran factor 1	17439.238	
Added HCl 2	0.470	mL
Gran factor 2	19656.192	
Added HCl 3	0.480	mL
Gran factor 3	22154.791	
Added HCl 4	0.490	mL
Gran factor 4	24017.411	
Added HCl 5	0.500	mL
Gran factor 5	27069.942	
Added HCl 6	0.510	mL
Gran factor 6	29345.312	
Added HCl 7	0.520	mL
Gran factor 7	31811.681	
Gran factor 8	34485.061	
n	7	
sum added HCl	3.50	
sum Gran factor	188540.39	
sum sq added HCl	1.75	
sum added HC*Gran factors	94961.48	
Y intercept	-96509.03	
slope	246886.75	
HCl at Gran end point	0.3909	mL

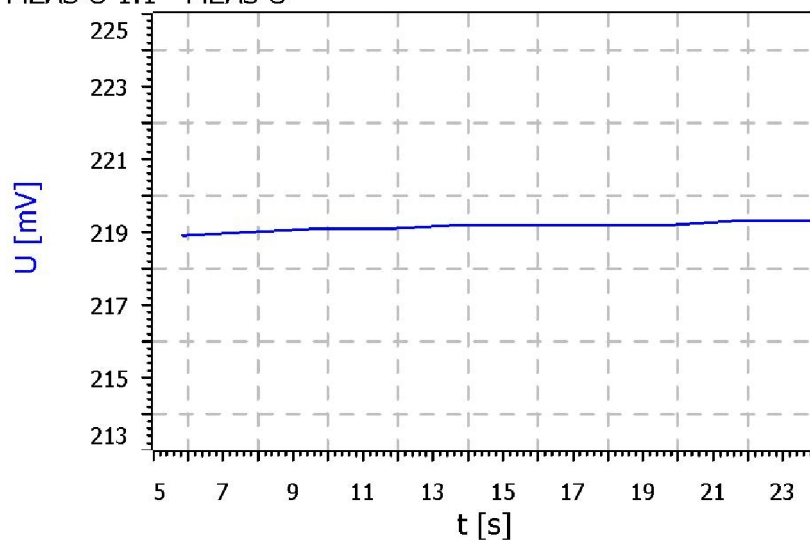
SET U 2.1 - SET U



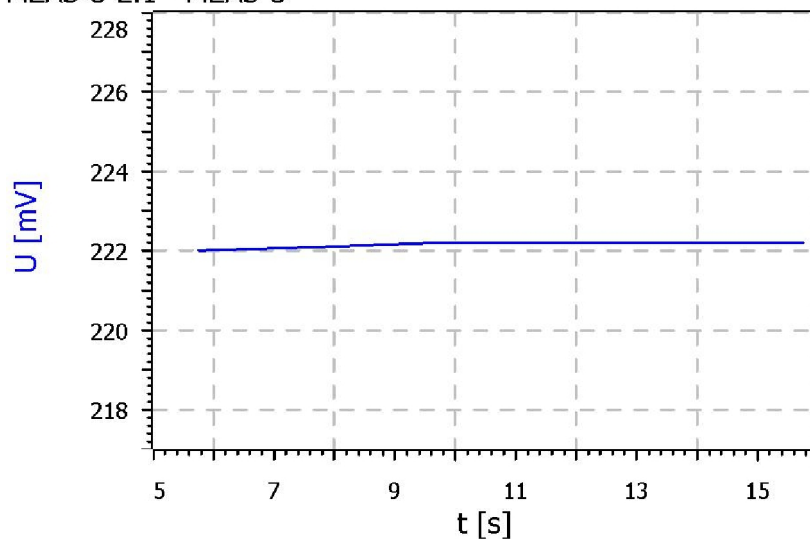
MEAS pmH.1 - MEAS pH



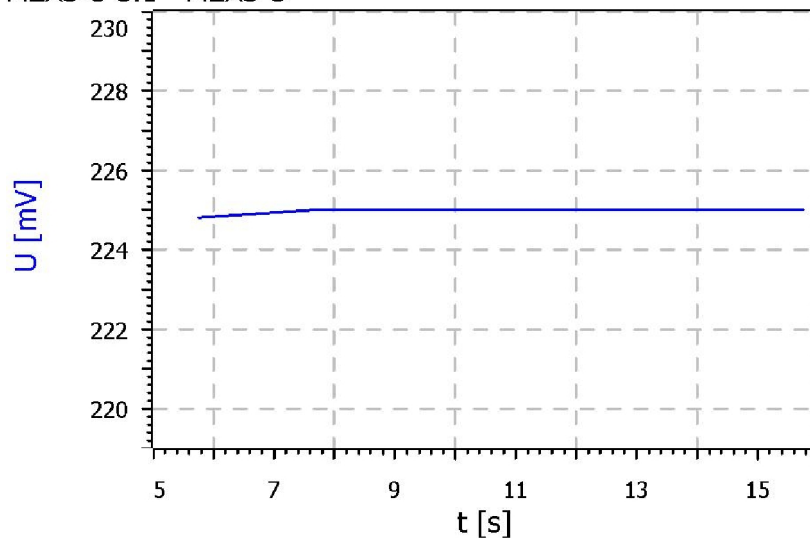
MEAS U 1.1 - MEAS U



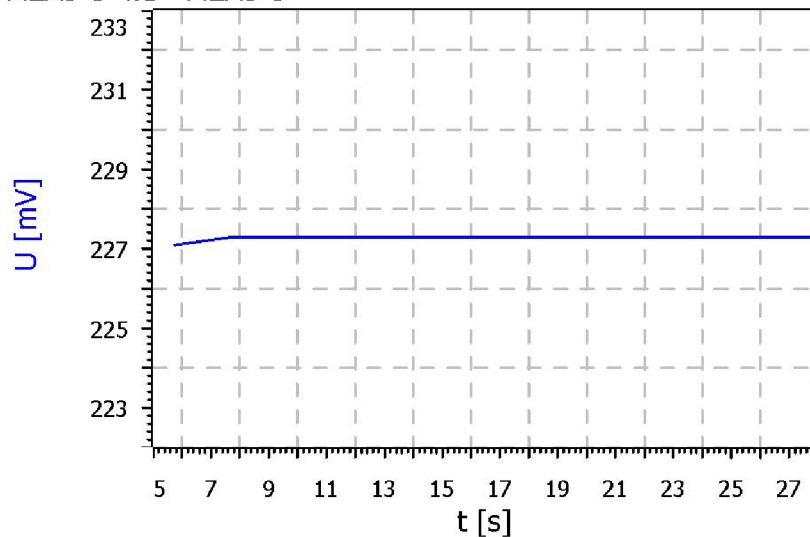
MEAS U 2.1 - MEAS U



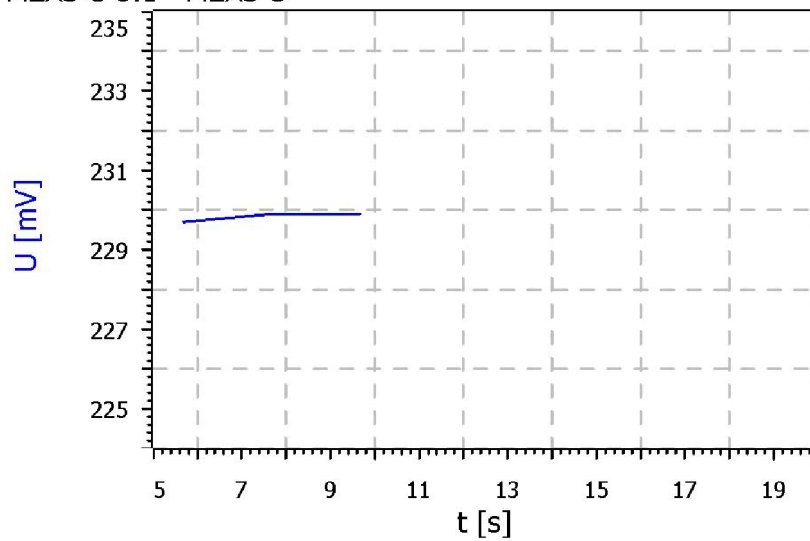
MEAS U 3.1 - MEAS U



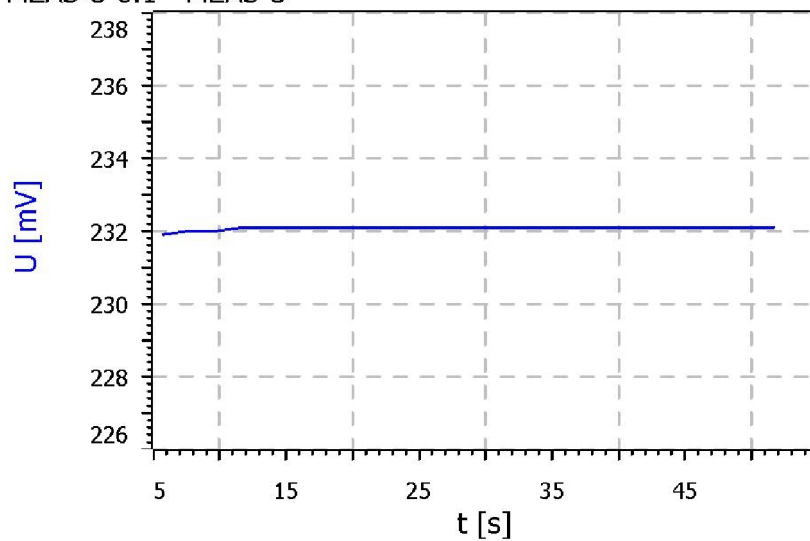
MEAS U 4.1 - MEAS U



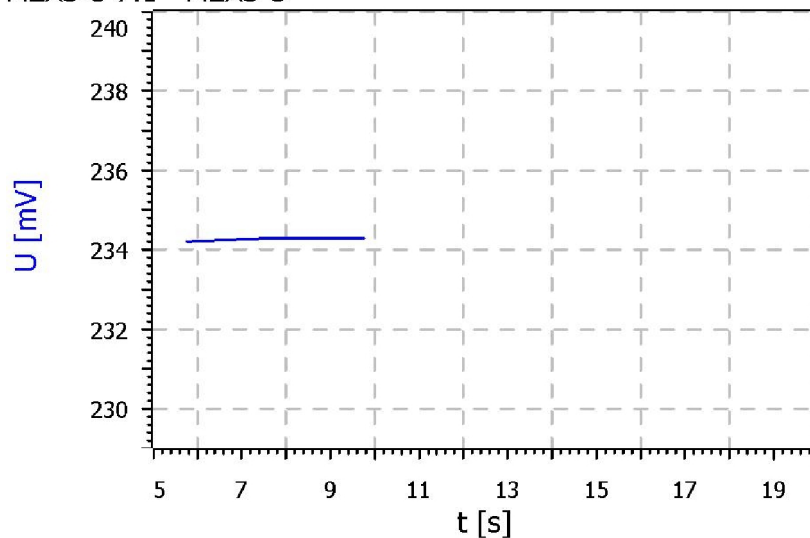
MEAS U 5.1 - MEAS U



MEAS U 6.1 - MEAS U



MEAS U 7.1 - MEAS U



MEAS U 8.1 - MEAS U

