

## Results report

Sample ID ..... 331-C0014D-1H-3\_42-54cm

pmH value ..... 6.890

Alkalinity ..... 4.002 mM

Added HCl volume (mL) ..... 0.246 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 11:26:09 UTC+9

User name ..... mcmanus

## End points

### MEAS pH MEAS pmH.1

EME ..... 6.890 pH .....

### SET U SET U 2.1

EP1 ..... 0.1660 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 ..... 235.0 mV .....

### MEAS U MEAS U 4.1

EME ..... 239.0 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 .....

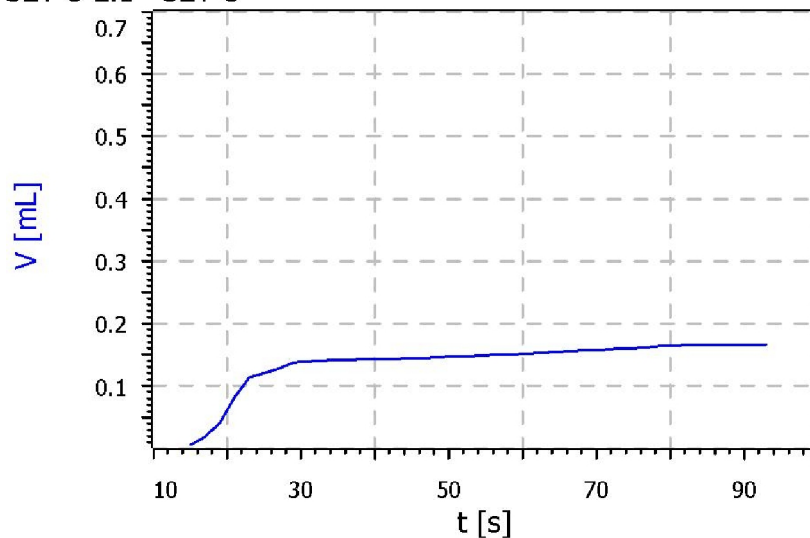
### MEAS U MEAS U 8.1

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

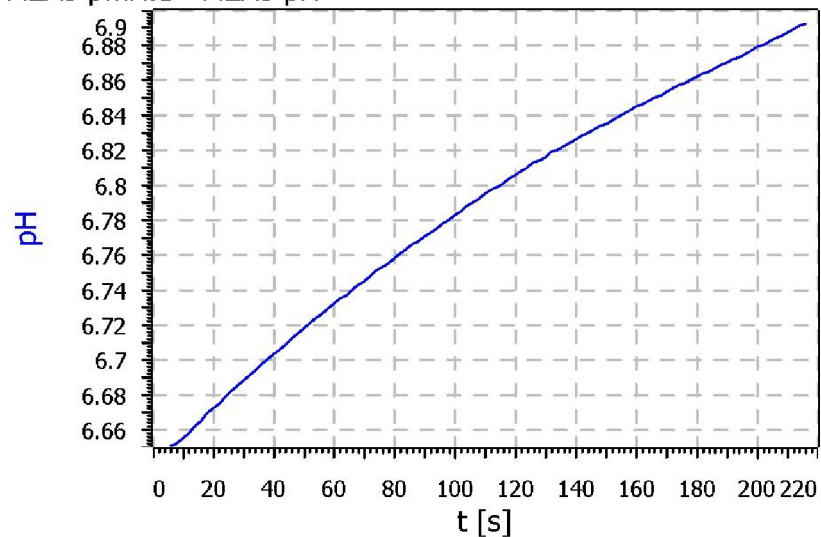
## Results

pmH	6.890	
Alkalinity	4.002	mol/L
HCl concentration	0.09564	
Added HCl 8	0.246	mL
Sample Name	331-C0014D-1H-3_42-54cm	
pH	invalid	
Added HCl at 210mV	0.166	mL
Gran factor 0	12881.854	
EMF0	213.500	
Added HCl 1	0.176	mL
Gran factor 1	21856.532	
Added HCl 2	0.186	mL
Gran factor 2	26636.514	
Added HCl 3	0.196	mL
Gran factor 3	30030.108	
Added HCl 4	0.206	mL
Gran factor 4	35199.649	
Added HCl 5	0.216	mL
Gran factor 5	38168.333	
Added HCl 6	0.226	mL
Gran factor 6	43029.869	
Added HCl 7	0.236	mL
Gran factor 7	46658.043	
Gran factor 8	50591.652	
n	4	
sum added HCl	0.76	
sum Gran factor	113722.80	
sum sq added HCl	0.15	
sum added HC*Gran factors	21938.17	
Y intercept	-54507.12	
slope	434229.44	
HCl at Gran end point	0.1255	mL

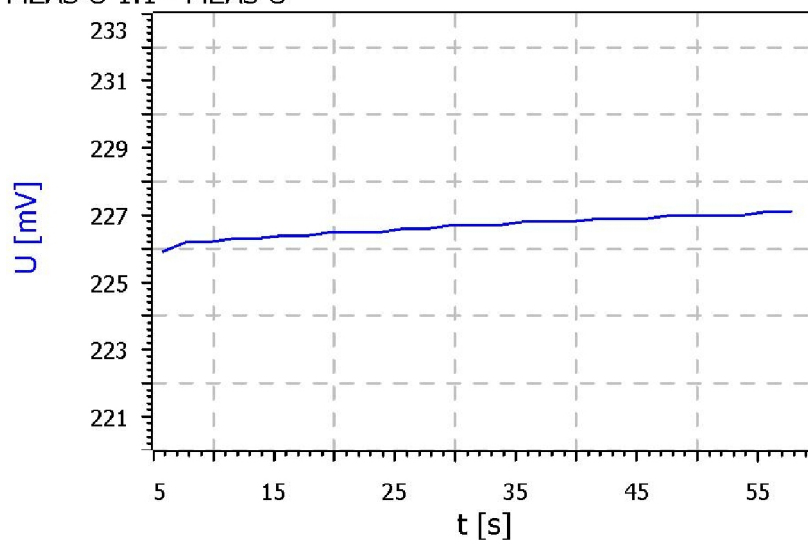
SET U 2.1 - SET U



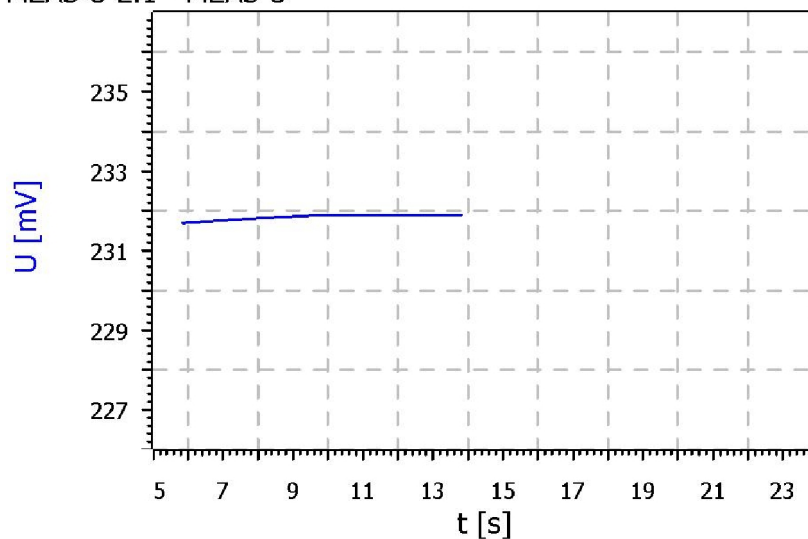
MEAS pmH.1 - MEAS pH



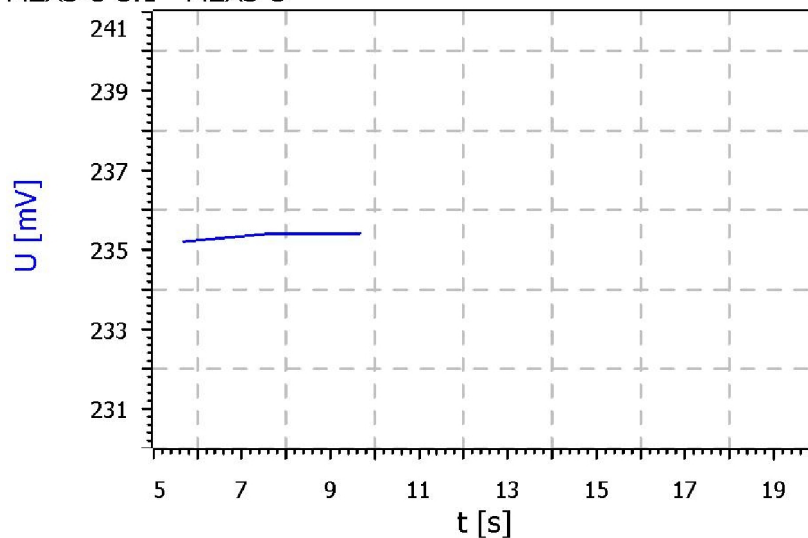
MEAS U 1.1 - MEAS U



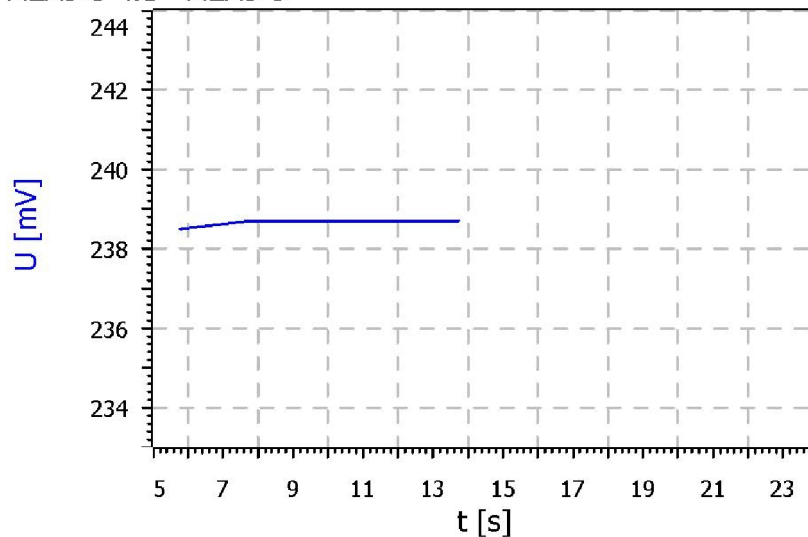
MEAS U 2.1 - MEAS U



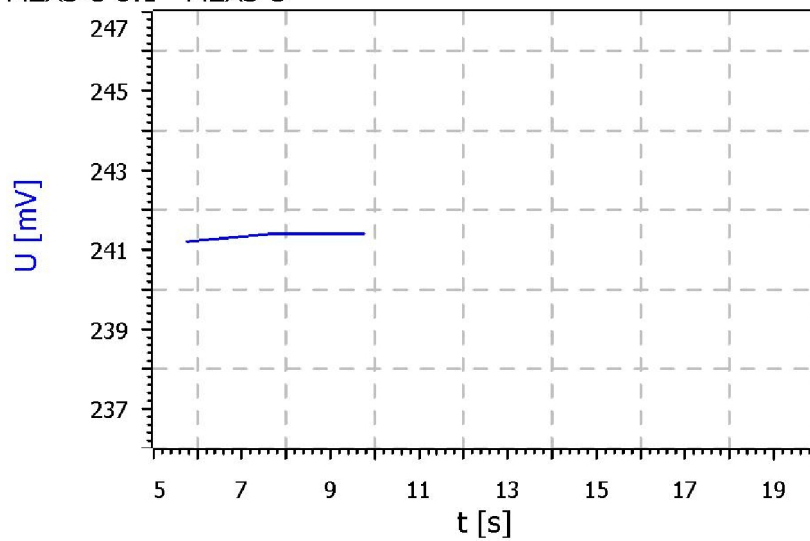
MEAS U 3.1 - MEAS U



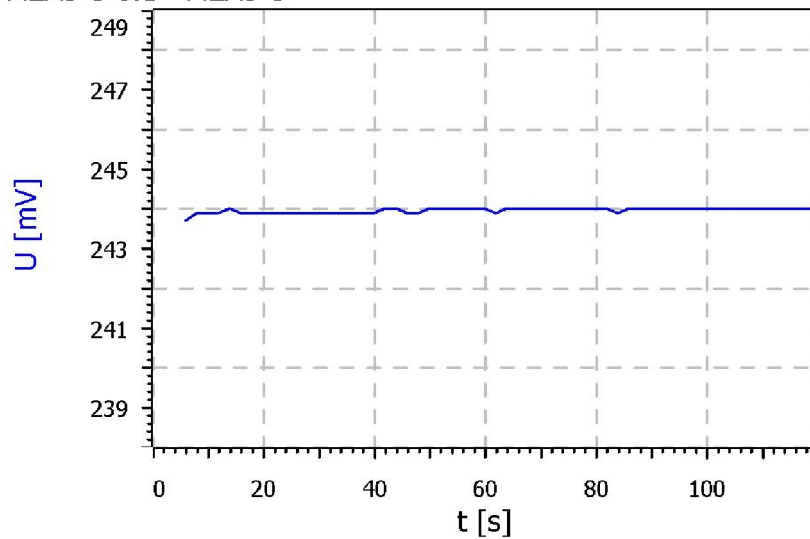
MEAS U 4.1 - MEAS U



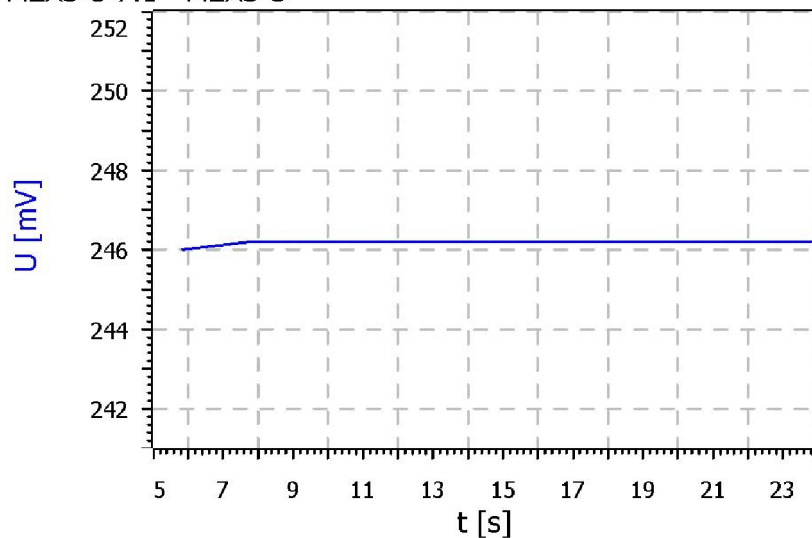
MEAS U 5.1 - MEAS U



MEAS U 6.1 - MEAS U



MEAS U 7.1 - MEAS U



MEAS U 8.1 - MEAS U

