

## Results report

Sample ID ..... 333-C0012D-5H-4\_0-30cm

pmH value ..... 7.790

Alkalinity ..... 2.494 mM

Added HCl volume (mL) ..... 0.162 mL

Sample size ..... 3mL

HCl concentration ..... 0.10002 mol/L

## Determination

Method ..... pmH and Alkalinity(exp333)

Method saving date ..... 2010-12-20 18:30:06 UTC+9

Determination start ..... 2010-12-28 08:07:23 UTC+9

User name ..... yu

## End points

### MEAS pH MEAS pmH.1

EME ..... 7.790 pH .....

### SET U SET U 2.1

EP1 ..... 0.0820 mL ..... invalid s

### MEAS U MEAS U 1.1

EME ..... 213.0 mV .....

### MEAS U MEAS U 2.1

EME ..... 224.0 mV .....

### MEAS U MEAS U 3.1

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

### MEAS U MEAS U 4.1

EME ..... 238.0 mV .....

### MEAS U MEAS U 5.1

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

### MEAS U MEAS U 6.1

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

### MEAS U MEAS U 7.1

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

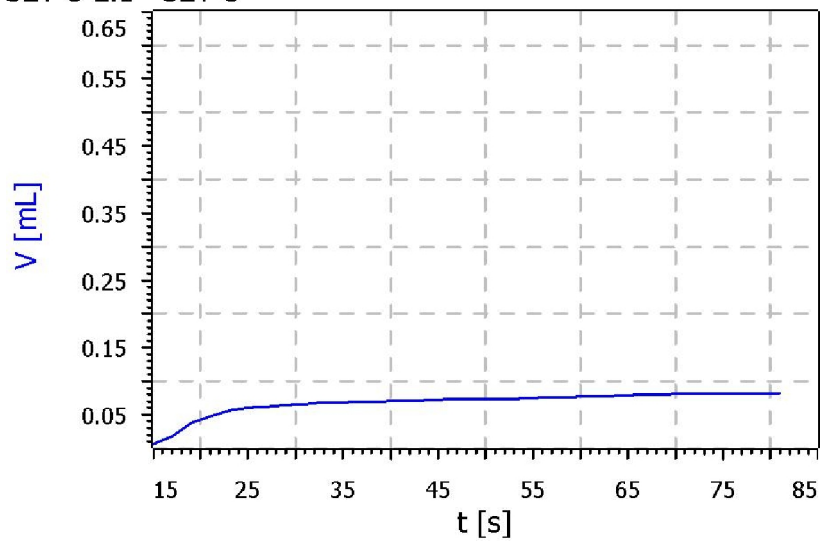
### MEAS U MEAS U 8.1

EME ..... 253.0 mV .....

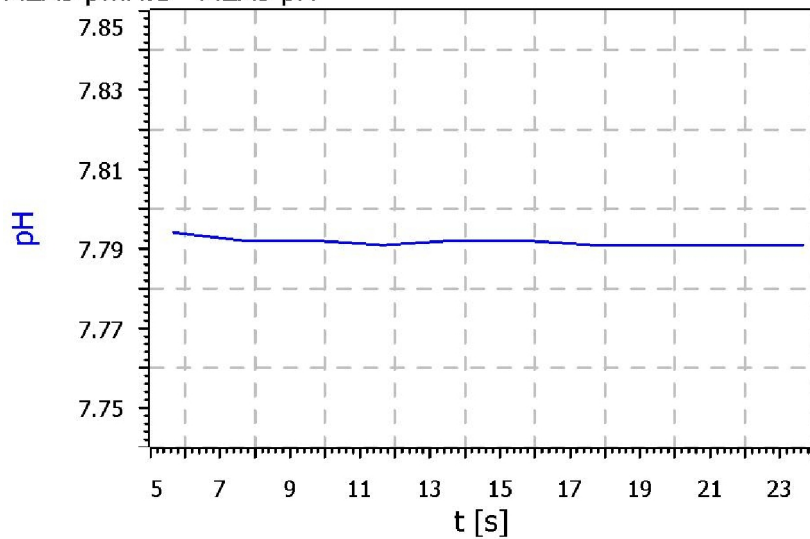
## Results

pmH	7.790	
Alkalinity	2.494	mol/L
HCl concentration	0.10002	
Added HCl 8	0.162	mL
Sample Name	333-C0012D-5H-4_0-30cm	
pH	invalid	
Added HCl at 210mV	0.082	mL
Gran factor 0	5801.735	
EMF0	193.700	
Added HCl 1	0.092	mL
Gran factor 1	12338.258	
Added HCl 2	0.102	mL
Gran factor 2	18994.333	
Added HCl 3	0.112	mL
Gran factor 3	26017.838	
Added HCl 4	0.122	mL
Gran factor 4	32968.678	
Added HCl 5	0.132	mL
Gran factor 5	40181.047	
Added HCl 6	0.142	mL
Gran factor 6	47101.025	
Added HCl 7	0.152	mL
Gran factor 7	53104.203	
Gran factor 8	59871.904	
n	3	
sum added HCl	0.34	
sum Gran factor	77980.85	
sum sq added HCl	0.04	
sum added HC*Gran factors	8873.60	
Y intercept	-52262.72	
slope	698717.28	
HCl at Gran end point	0.0748	mL

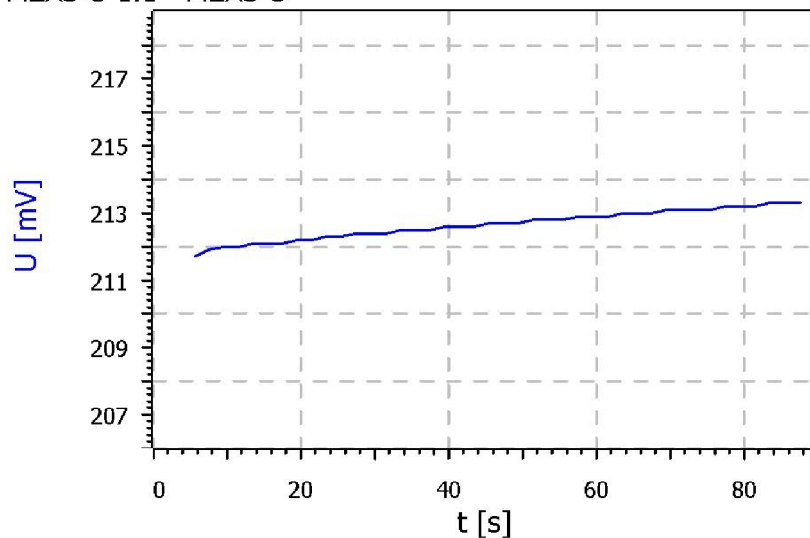
SET U 2.1 - SET U



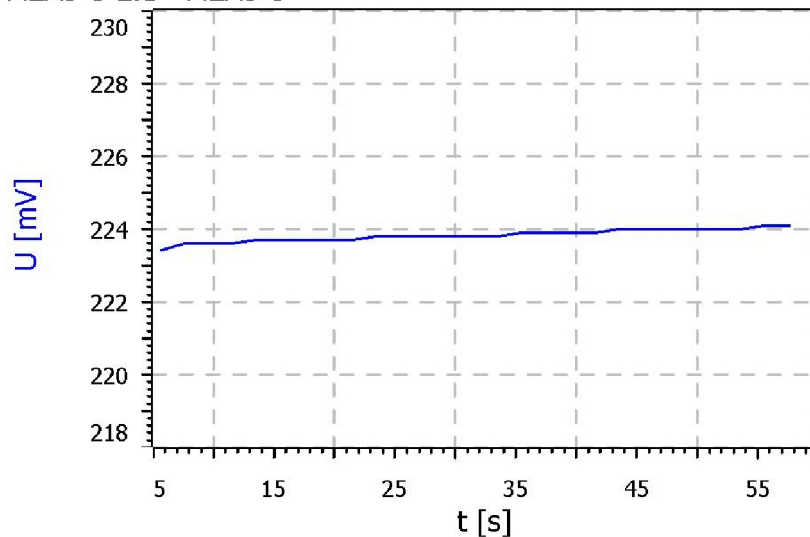
MEAS pmH.1 - MEAS pH



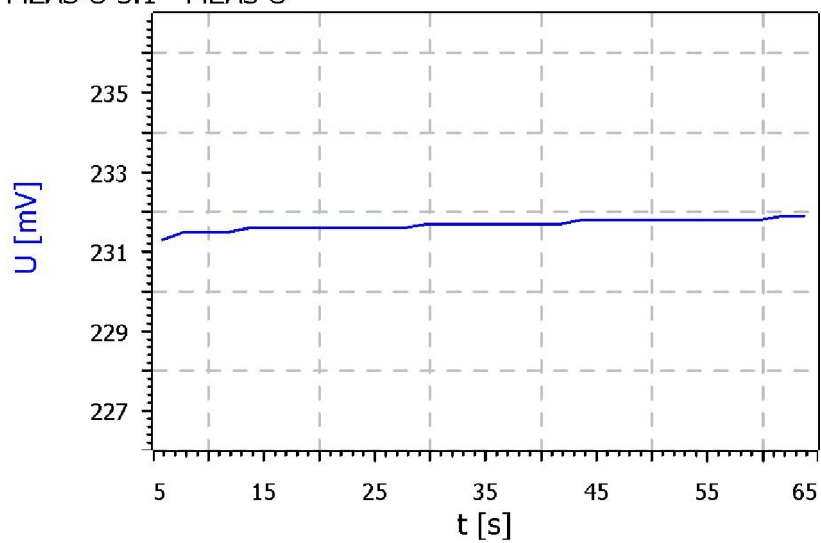
MEAS U 1.1 - MEAS U



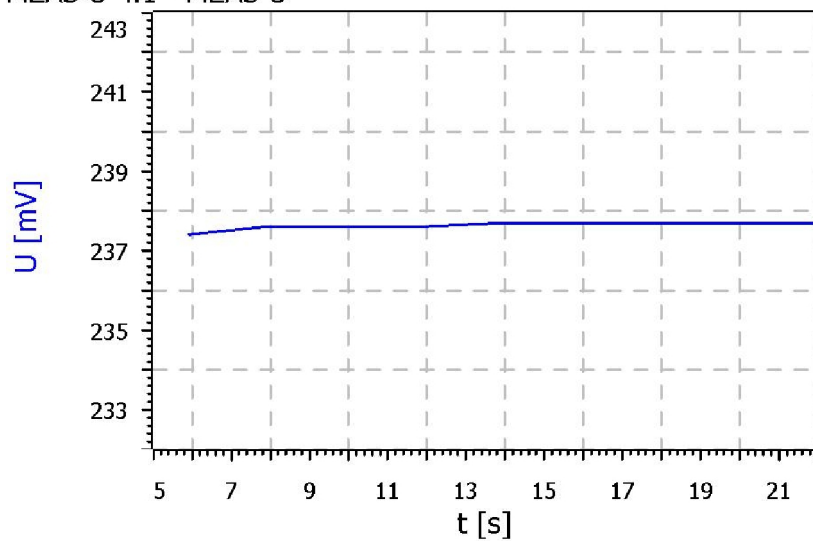
MEAS U 2.1 - MEAS U



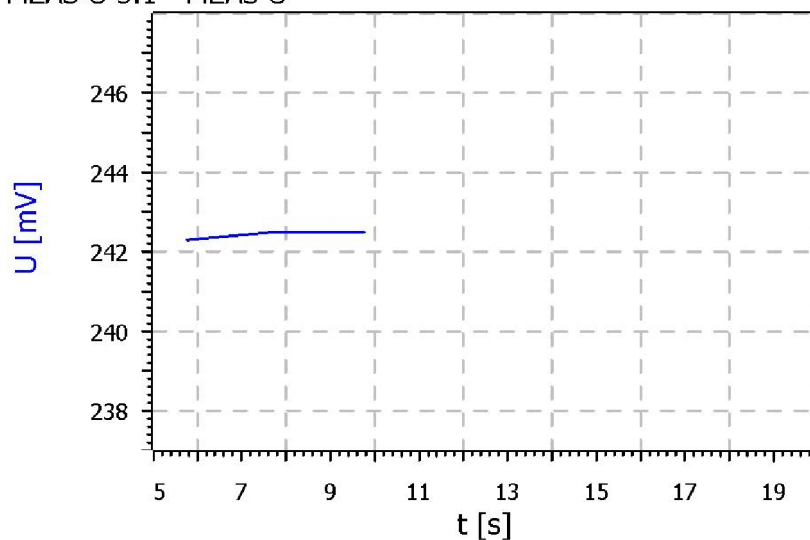
MEAS U 3.1 - MEAS U



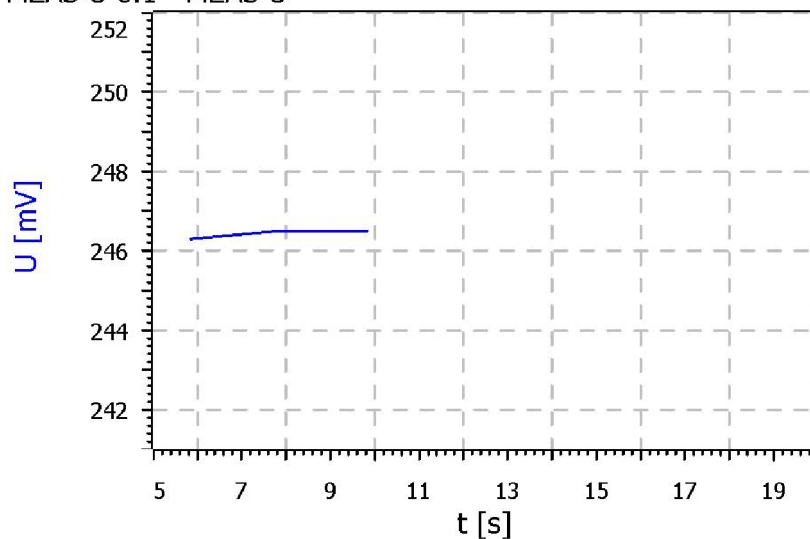
MEAS U 4.1 - MEAS U



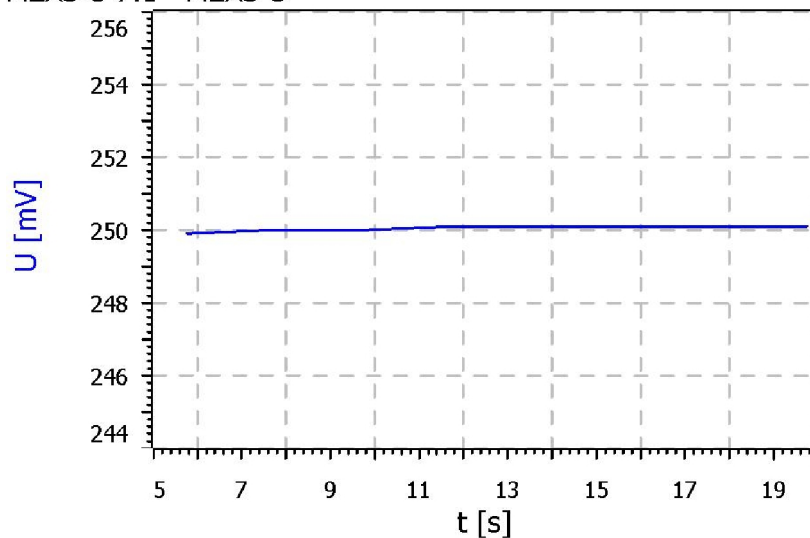
MEAS U 5.1 - MEAS U



MEAS U 6.1 - MEAS U



MEAS U 7.1 - MEAS U



MEAS U 8.1 - MEAS U

