

## Results report

Sample ID ..... 331-C0017D-10X-4\_101-121 cmcm

pmH value ..... 7.580

Alkalinity ..... 6.117 mM

Added HCl volume (mL) ..... 0.309 mL

Sample size ..... 3mL

HCl concentration ..... 0.09496 mol/L

## Determination

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

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

Determination start ..... 2010-09-29 11:17:10 UTC+9

User name ..... mcmanus

## End points

### MEAS pH MEAS pmH.1

EME ..... 7.580 pH .....

### SET U SET U 2.1

EP1 ..... 0.2290 mL ..... invalid s

### MEAS U MEAS U 1.1

EME ..... 235.0 mV .....

### MEAS U MEAS U 2.1

EME ..... 240.0 mV .....

### MEAS U MEAS U 3.1

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

### MEAS U MEAS U 4.1

EME ..... 246.0 mV .....

### MEAS U MEAS U 5.1

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

### MEAS U MEAS U 6.1

EME ..... 251.0 mV .....

### MEAS U MEAS U 7.1

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

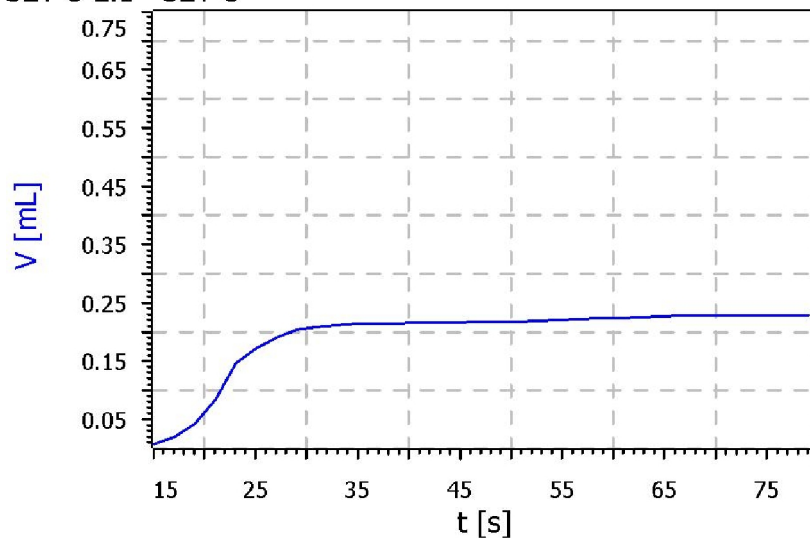
### MEAS U MEAS U 8.1

EME ..... 255.0 mV .....

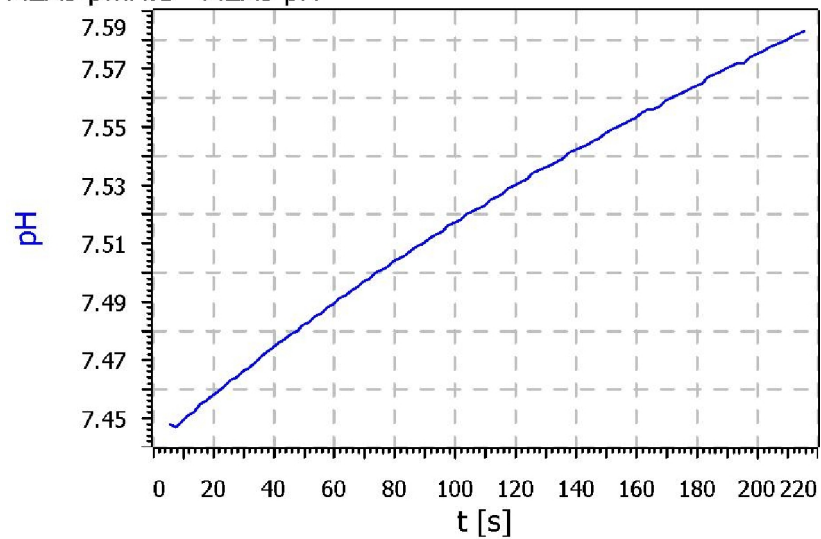
## Results

pmH	7.580	
Alkalinity	6.117	mol/L
HCl concentration	0.09496	
Added HCl 8	0.309	mL
Sample Name	331-C0017D-10X-4_101-121 cmcm	
pH	invalid	
Added HCl at 210mV	0.229	mL
Gran factor 0	13982.518	
EMF0	215.100	
Added HCl 1	0.239	mL
Gran factor 1	30434.143	
Added HCl 2	0.249	mL
Gran factor 2	37087.768	
Added HCl 3	0.259	mL
Gran factor 3	41810.355	
Added HCl 4	0.269	mL
Gran factor 4	47133.851	
Added HCl 5	0.279	mL
Gran factor 5	53134.663	
Added HCl 6	0.289	mL
Gran factor 6	57611.971	
Added HCl 7	0.299	mL
Gran factor 7	62465.974	
Gran factor 8	67728.321	
n	2	
sum added HCl	0.49	
sum Gran factor	67521.91	
sum sq added HCl	0.12	
sum added HC*Gran factors	16508.61	
Y intercept	-128587.49	
slope	665362.47	
HCl at Gran end point	0.1933	mL

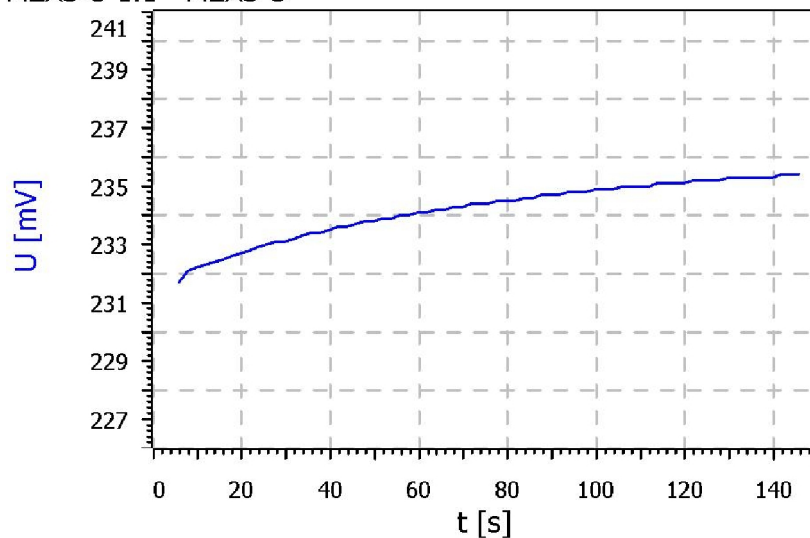
SET U 2.1 - SET U



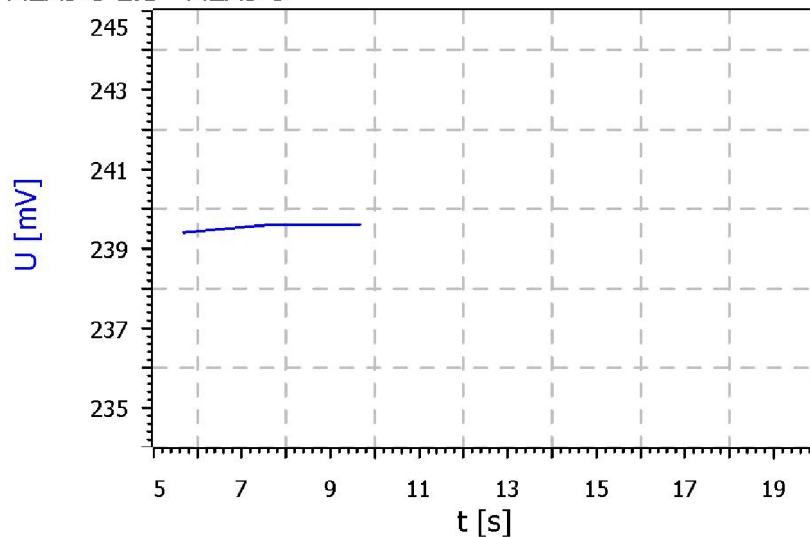
MEAS pmH.1 - MEAS pH



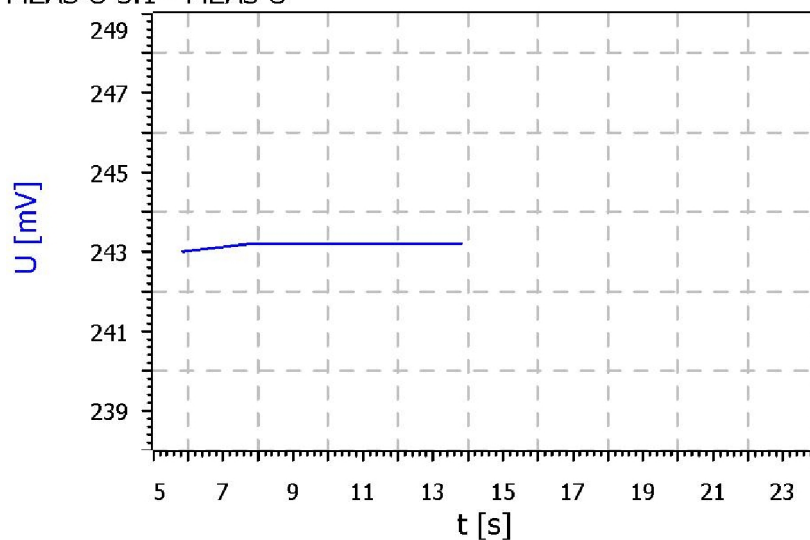
MEAS U 1.1 - MEAS U



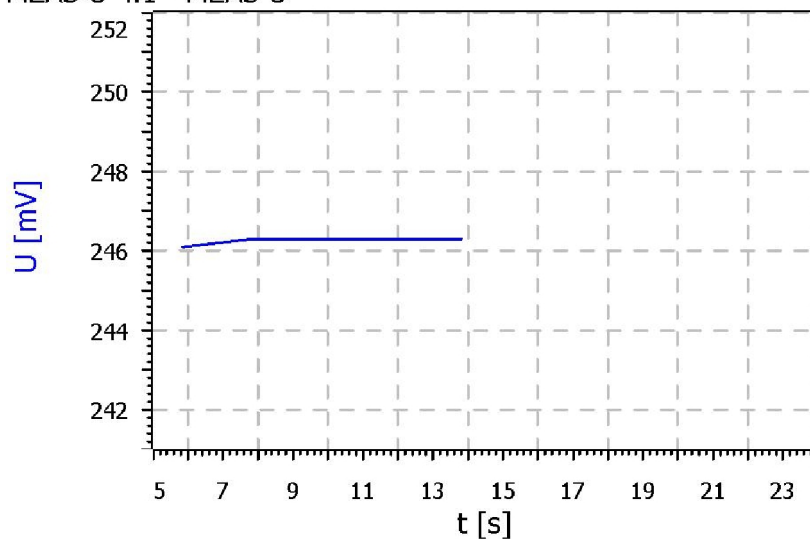
MEAS U 2.1 - MEAS U



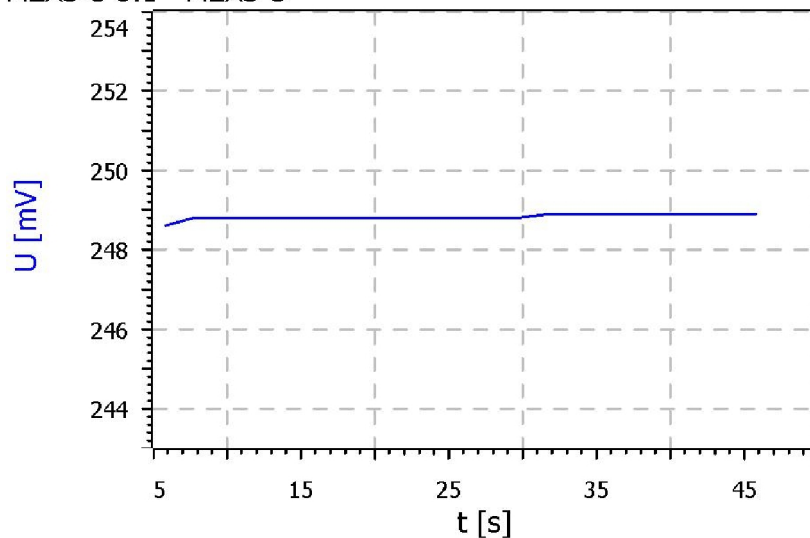
MEAS U 3.1 - MEAS U



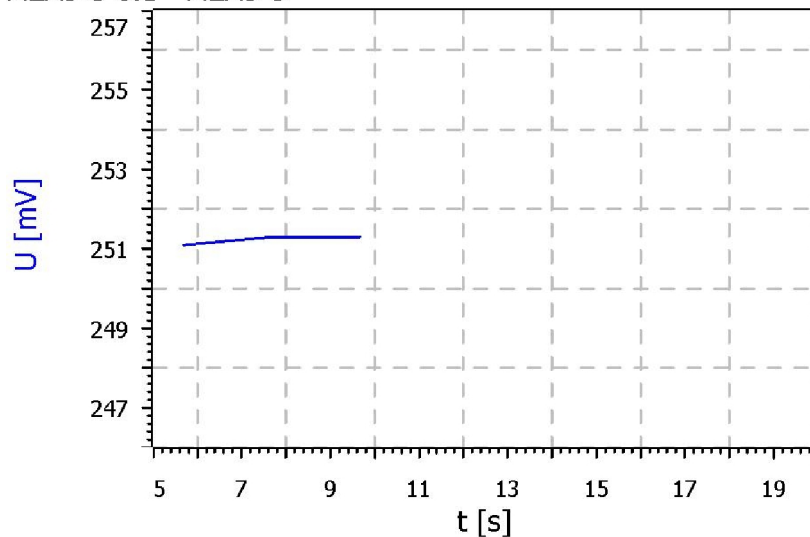
MEAS U 4.1 - MEAS U



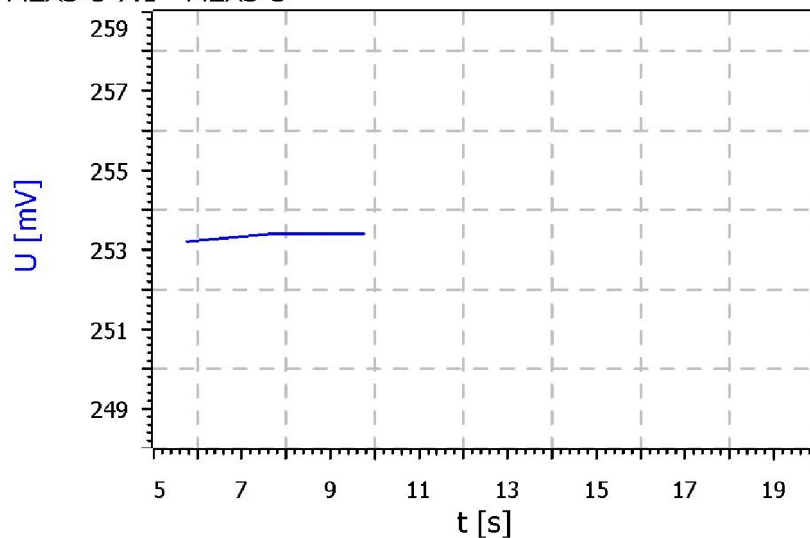
MEAS U 5.1 - MEAS U



MEAS U 6.1 - MEAS U



MEAS U 7.1 - MEAS U



MEAS U 8.1 - MEAS U

