

## Results report

Sample ID ..... 331-C0014E-2H-5\_45-60 cmcm

pmH value ..... 7.210

Alkalinity ..... 13.551 mM

Added HCl volume (mL) ..... 0.568 mL

Sample size ..... 3mL

HCl concentration ..... 0.09583 mol/L

## Determination

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

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

Determination start ..... 2010-09-19 02:29:47 UTC+9

User name ..... mcmanus

## End points

### MEAS pH MEAS pmH.1

EME ..... 7.210 pH ....

### SET U SET U 2.1

EP1 ..... 0.4880 mL ..... invalid s

### MEAS U MEAS U 1.1

EME ..... 233.0 mV ....

### MEAS U MEAS U 2.1

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

### MEAS U MEAS U 3.1

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

### MEAS U MEAS U 4.1

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

### MEAS U MEAS U 5.1

EME ..... 244.0 mV ....

### MEAS U MEAS U 6.1

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

### MEAS U MEAS U 7.1

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

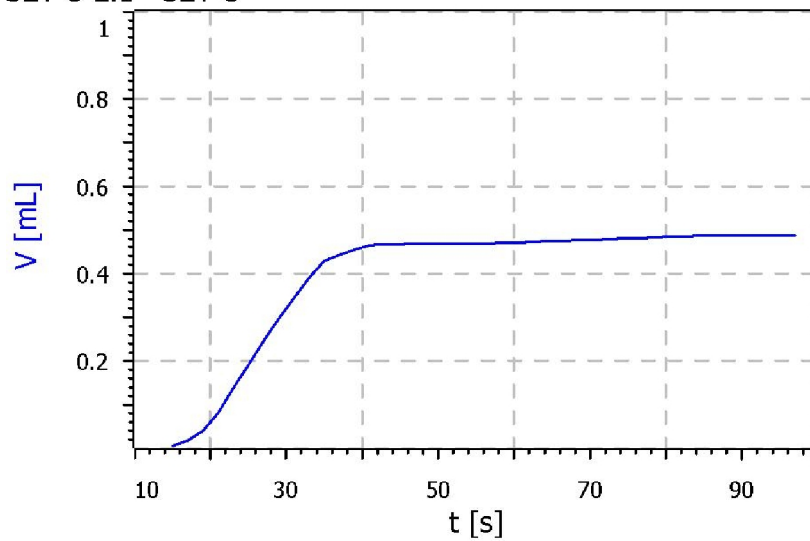
### MEAS U MEAS U 8.1

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

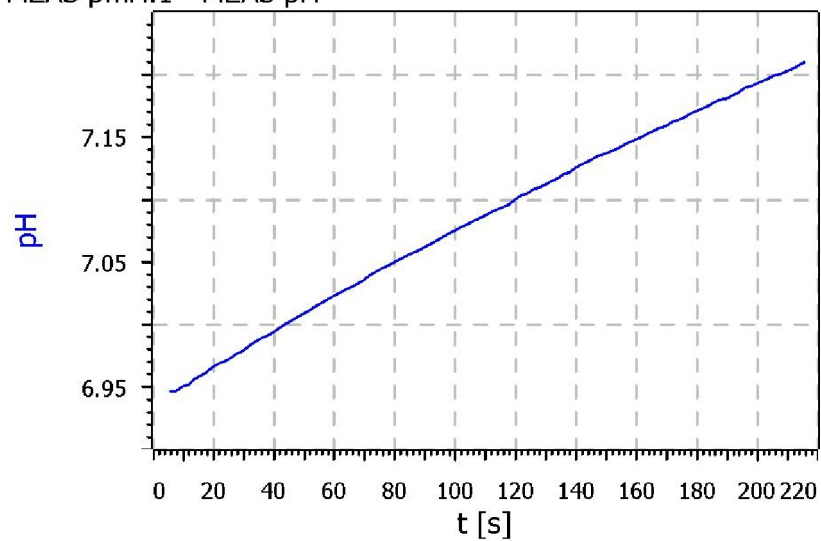
## Results

pmH	7.210	
Alkalinity	13.551	mol/L
HCl concentration	0.09583	
Added HCl 8	0.568	mL
Sample Name	331-C0014E-2H-5_45-60 cmcm	
pH	invalid	
Added HCl at 210mV	0.488	mL
Gran factor 0	15222.116	
EMF0	215.300	
Added HCl 1	0.498	mL
Gran factor 1	30405.881	
Added HCl 2	0.508	mL
Gran factor 2	34270.140	
Added HCl 3	0.518	mL
Gran factor 3	38625.191	
Added HCl 4	0.528	mL
Gran factor 4	43533.331	
Added HCl 5	0.538	mL
Gran factor 5	47191.469	
Added HCl 6	0.548	mL
Gran factor 6	53187.281	
Added HCl 7	0.558	mL
Gran factor 7	57655.728	
Gran factor 8	62499.092	
n	3	
sum added HCl	1.52	
sum Gran factor	103301.21	
sum sq added HCl	0.77	
sum added HC*Gran factors	52559.21	
Y intercept	-174336.75	
slope	410965.53	
HCl at Gran end point	0.4242	mL

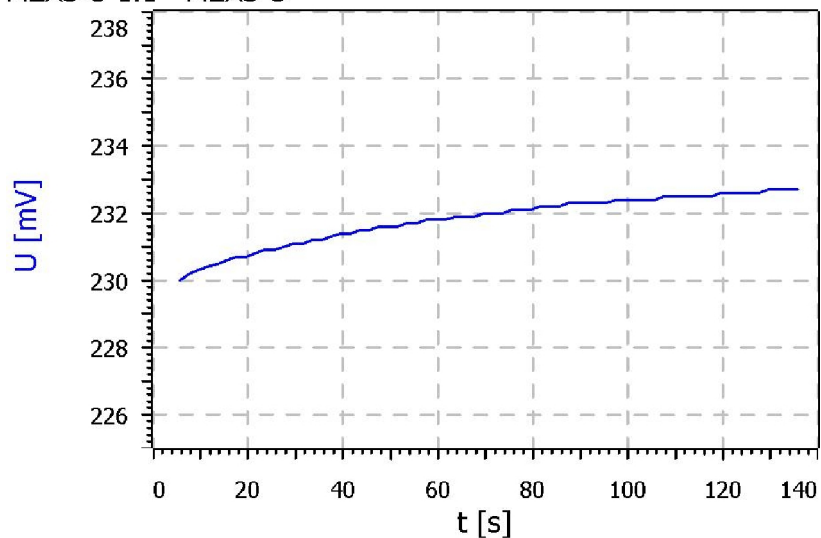
SET U 2.1 - SET U



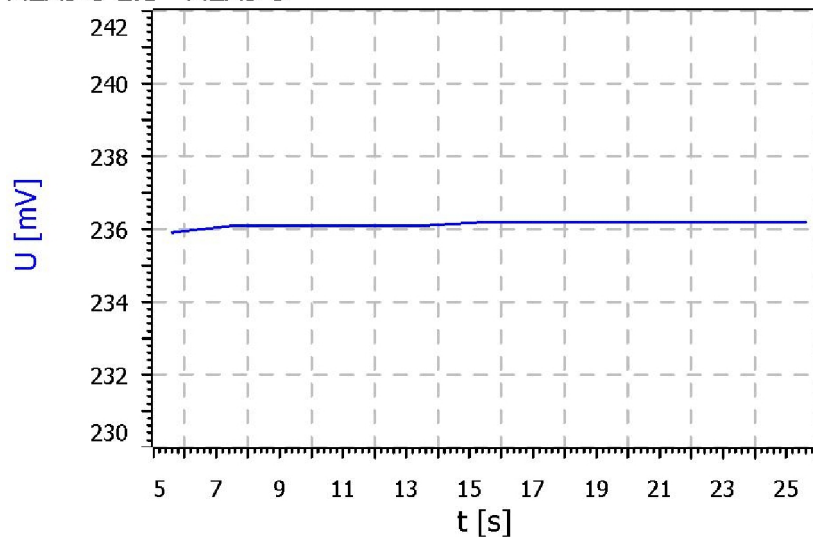
MEAS pmH.1 - MEAS pH



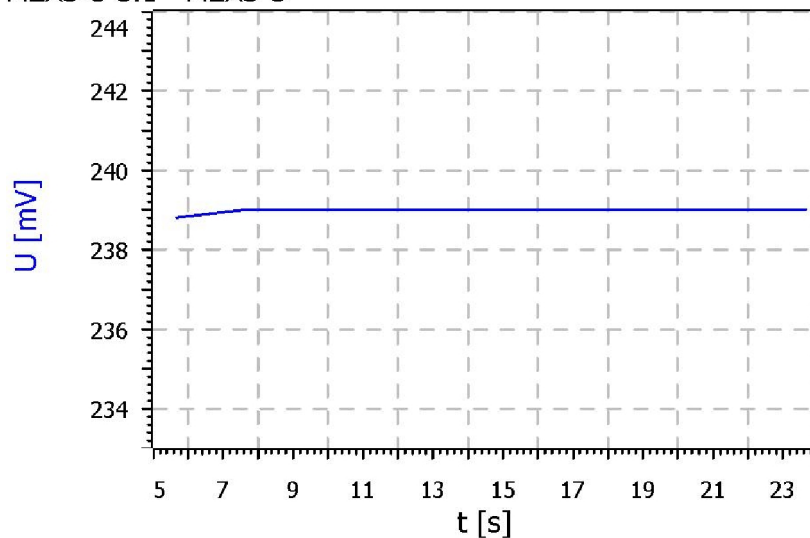
MEAS U 1.1 - MEAS U



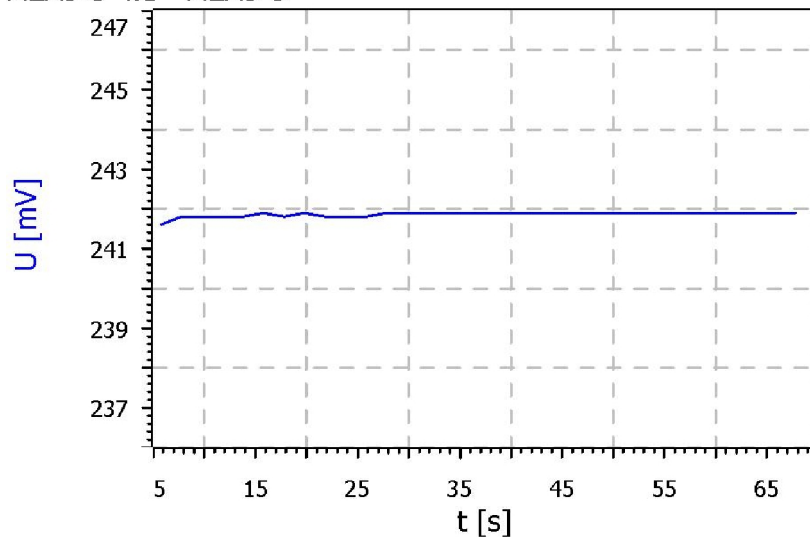
MEAS U 2.1 - MEAS U



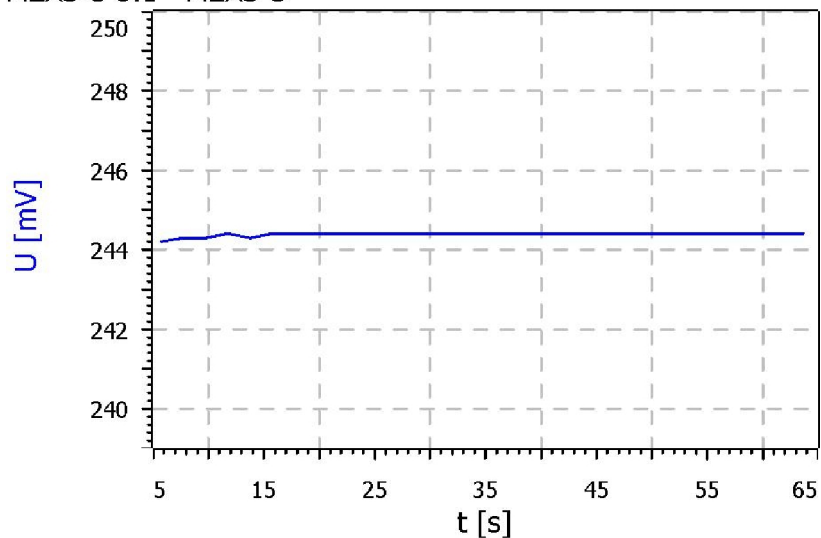
MEAS U 3.1 - MEAS U



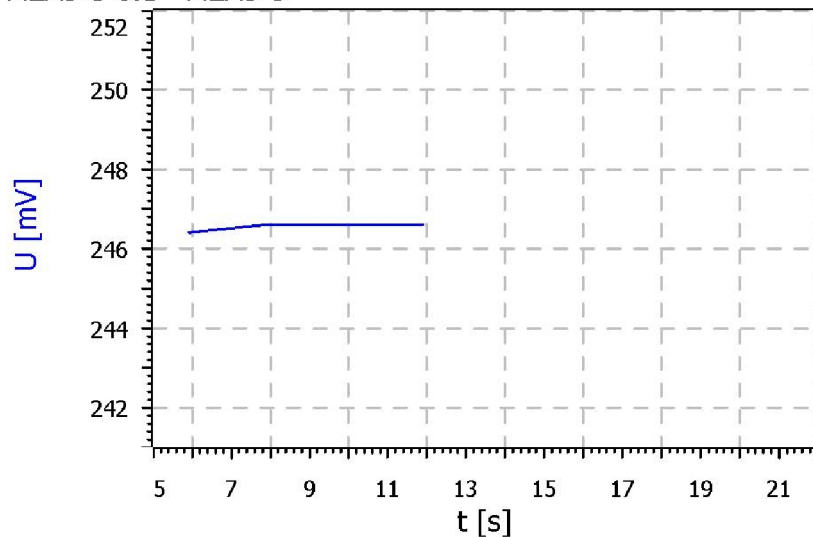
MEAS U 4.1 - MEAS U



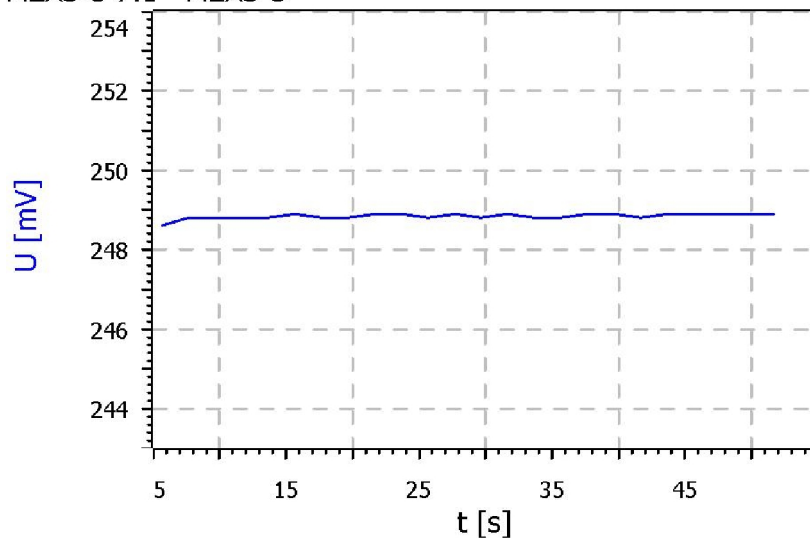
MEAS U 5.1 - MEAS U



MEAS U 6.1 - MEAS U



MEAS U 7.1 - MEAS U



MEAS U 8.1 - MEAS U

