

## Results report

Sample ID ..... 331-C0013D-1H-4\_60-70 cmcm

pmH value ..... 6.620

Alkalinity ..... 12.840 mM

Added HCl volume (mL) ..... 0.552 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 08:17:29 UTC+9

User name ..... mcmanus

## End points

### MEAS pH MEAS pmH.1

EME ..... 6.620 pH .....

### SET U SET U 2.1

EP1 ..... 0.4720 mL ..... invalid s

### MEAS U MEAS U 1.1

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

### MEAS U MEAS U 2.1

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

### MEAS U MEAS U 3.1

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

### MEAS U MEAS U 4.1

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

### MEAS U MEAS U 5.1

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

### MEAS U MEAS U 6.1

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

### MEAS U MEAS U 7.1

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

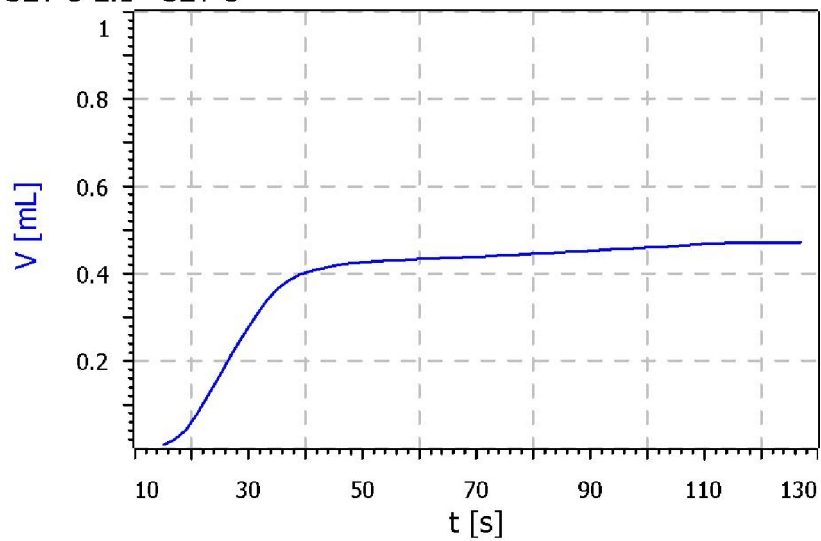
### MEAS U MEAS U 8.1

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

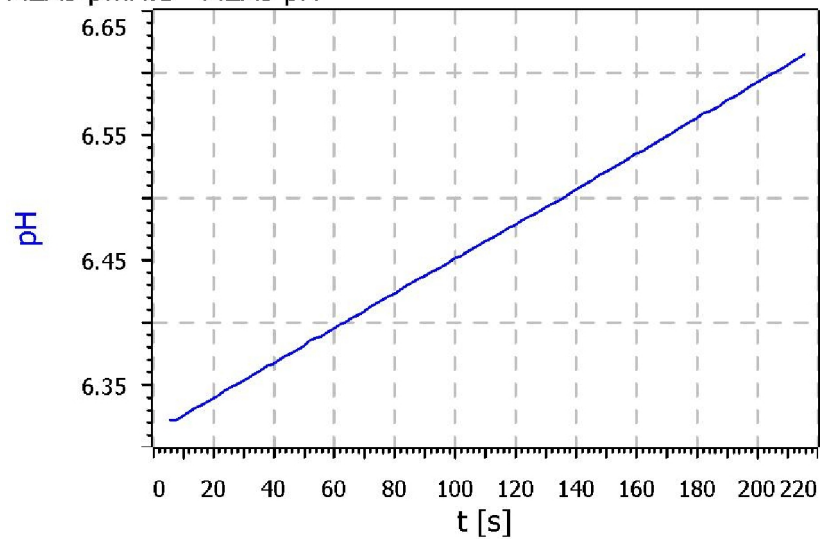
## Results

pmH	6.620	
Alkalinity	12.840	mol/L
HCl concentration	0.09564	
Added HCl 8	0.552	mL
Sample Name	331-C0013D-1H-4_60-70 cmcm	
pH	invalid	
Added HCl at 210mV	0.472	mL
Gran factor 0	13693.745	
EMF0	212.700	
Added HCl 1	0.482	mL
Gran factor 1	21321.169	
Added HCl 2	0.492	mL
Gran factor 2	24031.174	
Added HCl 3	0.502	mL
Gran factor 3	27085.410	
Added HCl 4	0.512	mL
Gran factor 4	29362.033	
Added HCl 5	0.522	mL
Gran factor 5	31829.756	
Added HCl 6	0.532	mL
Gran factor 6	34504.600	
Added HCl 7	0.542	mL
Gran factor 7	37403.927	
Gran factor 8	40546.553	
n	8	
sum added HCl	4.14	
sum Gran factor	246084.62	
sum sq added HCl	2.14	
sum added HC*Gran factors	128356.58	
Y intercept	-108439.66	
slope	269246.12	
HCl at Gran end point	0.4028	mL

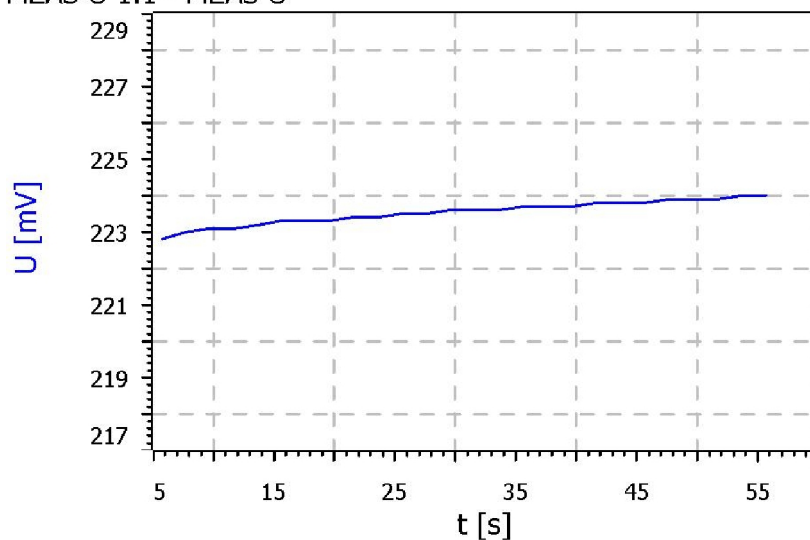
SET U 2.1 - SET U



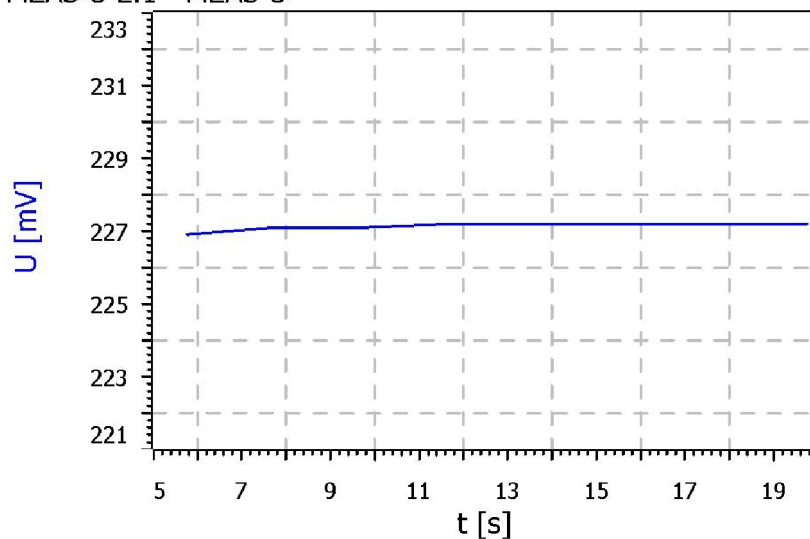
MEAS pmH.1 - MEAS pH



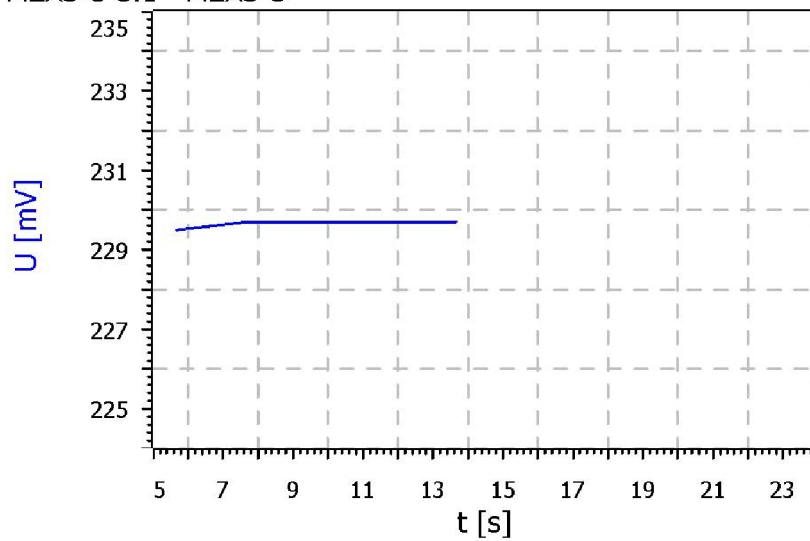
MEAS U 1.1 - MEAS U



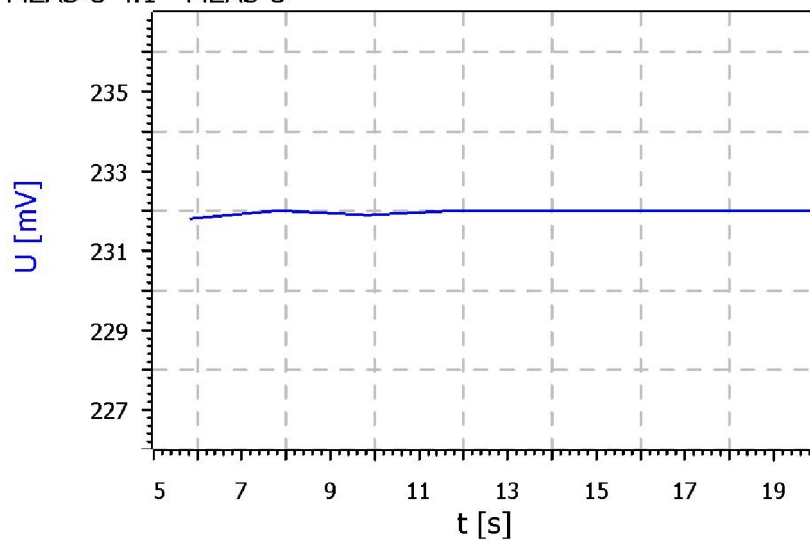
MEAS U 2.1 - MEAS U



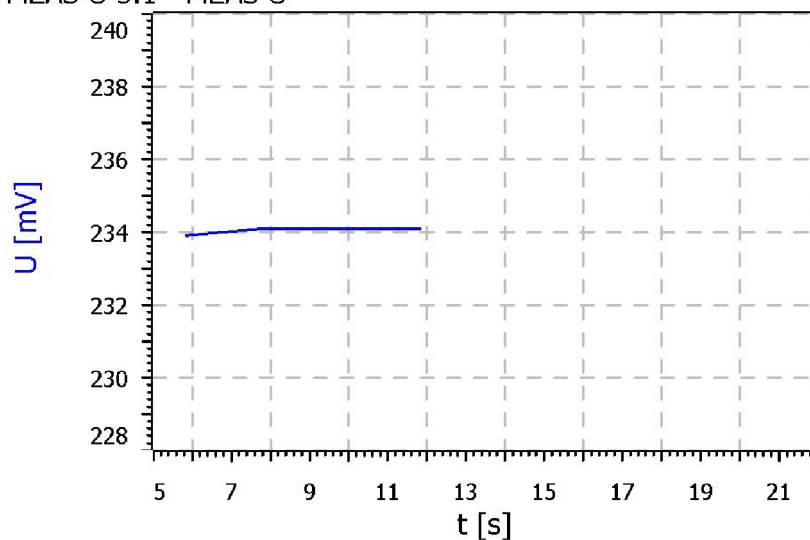
MEAS U 3.1 - MEAS U



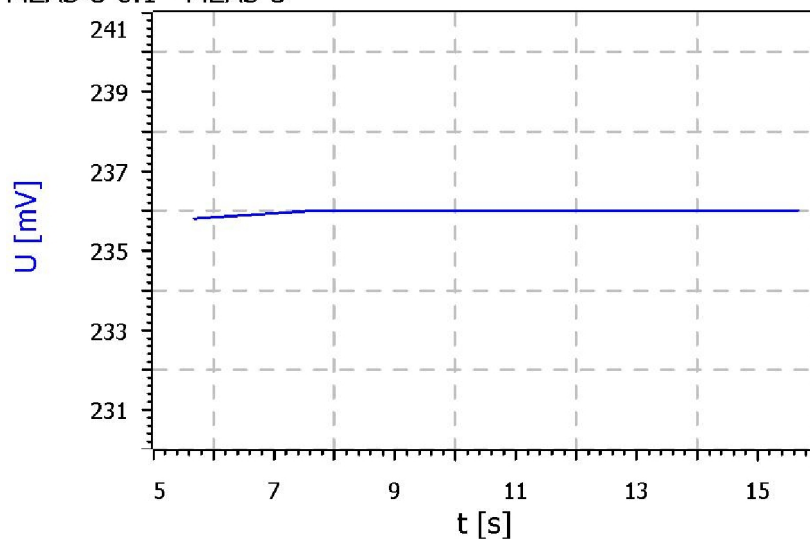
MEAS U 4.1 - MEAS U



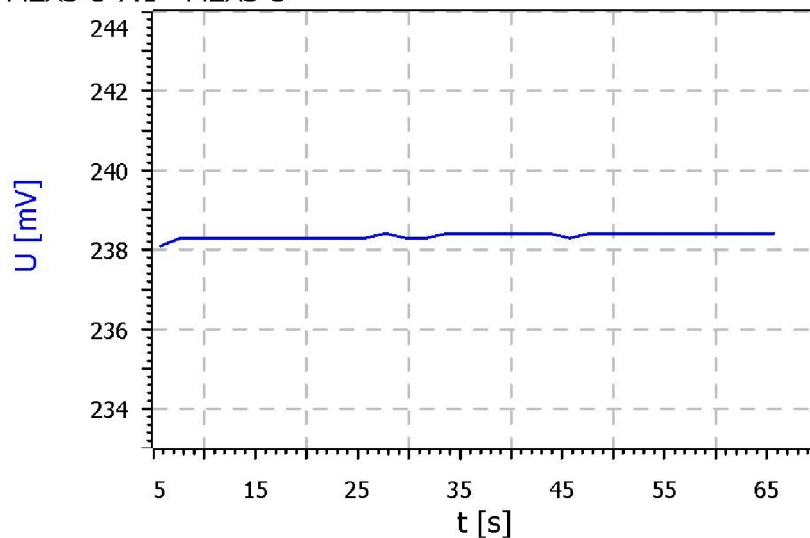
MEAS U 5.1 - MEAS U



MEAS U 6.1 - MEAS U



MEAS U 7.1 - MEAS U



MEAS U 8.1 - MEAS U

