

## Results report

Sample ID ..... 331-C0013D-1H-3\_0-10cm  
pmH value ..... 6.780  
Alkalinity ..... 11.011 mM  
Added HCl volume (mL) ..... 0.490 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 06:42:45 UTC+9  
User name ..... mcmanus

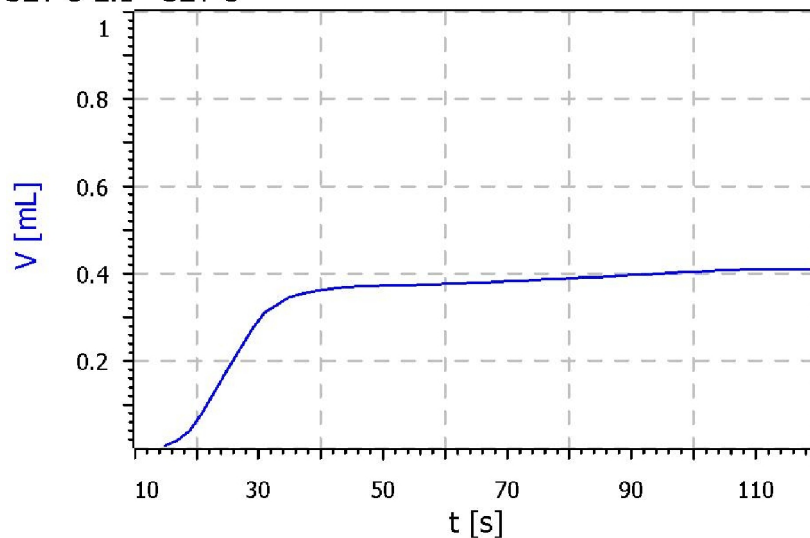
## End points

<b>MEAS pH</b>	<b>MEAS pmH.1</b>
EME .....	6.780 pH .....
<b>SET U</b>	<b>SET U 2.1</b>
EP1 .....	0.4100 mL ..... invalid s
<b>MEAS U</b>	<b>MEAS U 1.1</b>
EME .....	225.0 mV .....
<b>MEAS U</b>	<b>MEAS U 2.1</b>
EME .....	229.0 mV .....
<b>MEAS U</b>	<b>MEAS U 3.1</b>
EME .....	231.0 mV .....
<b>MEAS U</b>	<b>MEAS U 4.1</b>
EME .....	233.0 mV .....
<b>MEAS U</b>	<b>MEAS U 5.1</b>
EME .....	236.0 mV .....
<b>MEAS U</b>	<b>MEAS U 6.1</b>
EME .....	238.0 mV .....
<b>MEAS U</b>	<b>MEAS U 7.1</b>
EME .....	240.0 mV .....
<b>MEAS U</b>	<b>MEAS U 8.1</b>
EME .....	242.0 mV .....

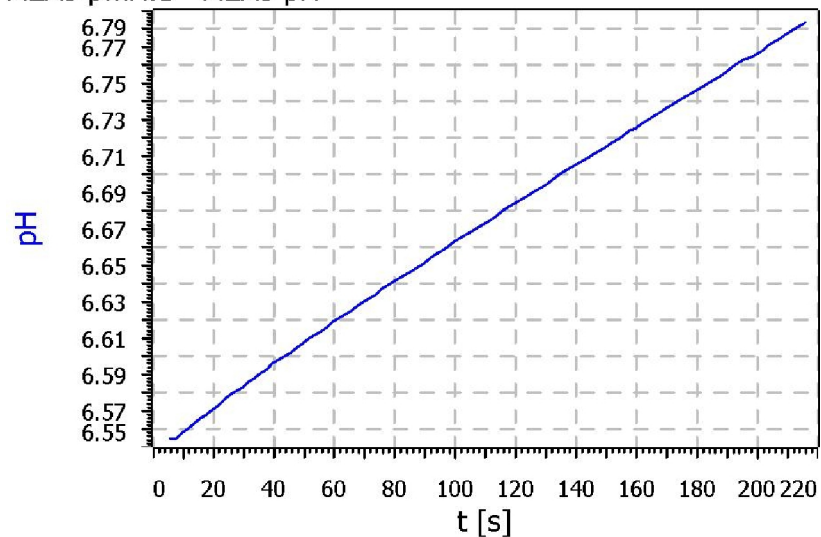
## Results

pmH	6.780	
Alkalinity	11.011	mol/L
HCl concentration	0.09564	
Added HCl 8	0.490	mL
Sample Name	331-C0013D-1H-3_0-10cm	
pH	invalid	
Added HCl at 210mV	0.410	mL
Gran factor 0	13501.671	
EMF0	212.800	
Added HCl 1	0.420	mL
Gran factor 1	21772.812	
Added HCl 2	0.430	mL
Gran factor 2	25515.684	
Added HCl 3	0.440	mL
Gran factor 3	27662.020	
Added HCl 4	0.450	mL
Gran factor 4	29988.648	
Added HCl 5	0.460	mL
Gran factor 5	33801.222	
Added HCl 6	0.470	mL
Gran factor 6	36643.598	
Added HCl 7	0.480	mL
Gran factor 7	39724.663	
Gran factor 8	43064.435	
n	7	
sum added HCl	3.15	
sum Gran factor	215108.65	
sum sq added HCl	1.42	
sum added HC*Gran factors	97621.40	
Y intercept	-101458.63	
slope	293752.08	
HCl at Gran end point	0.3454	mL

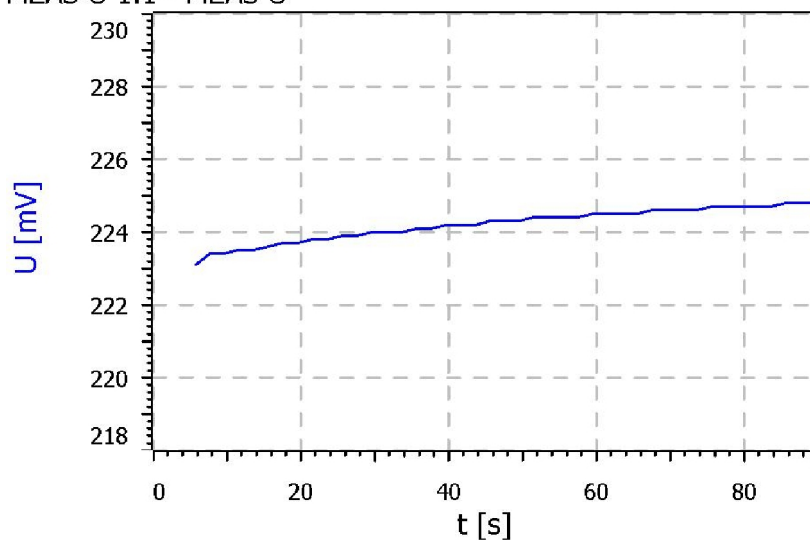
SET U 2.1 - SET U



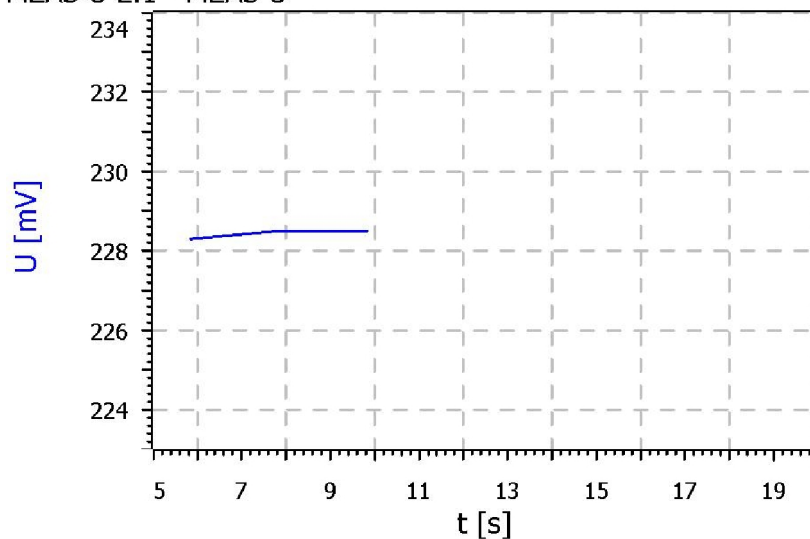
MEAS pmH.1 - MEAS pH



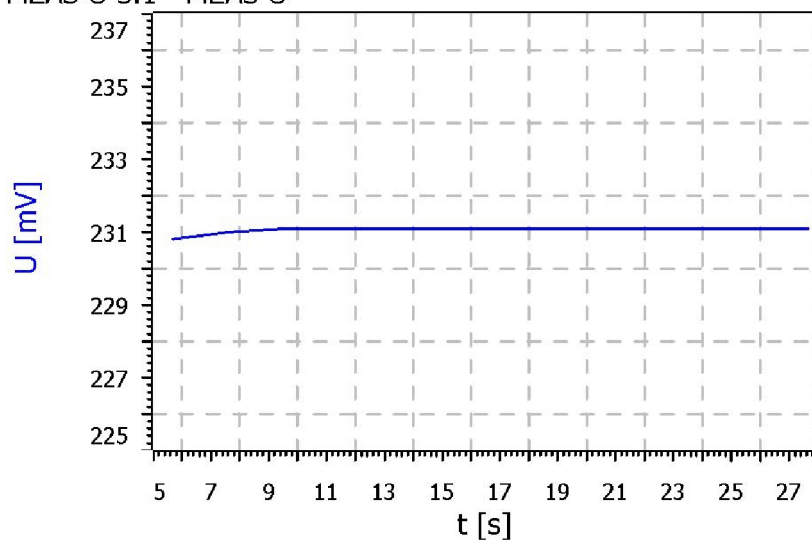
MEAS U 1.1 - MEAS U



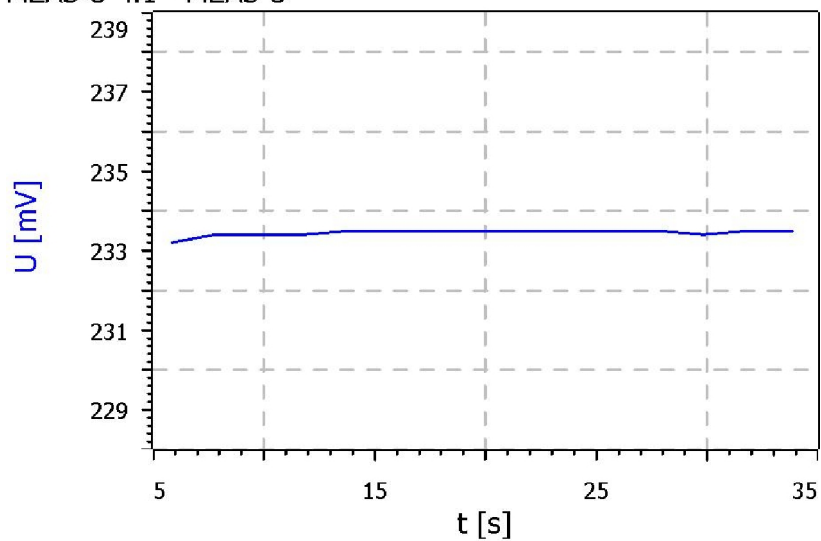
MEAS U 2.1 - MEAS U



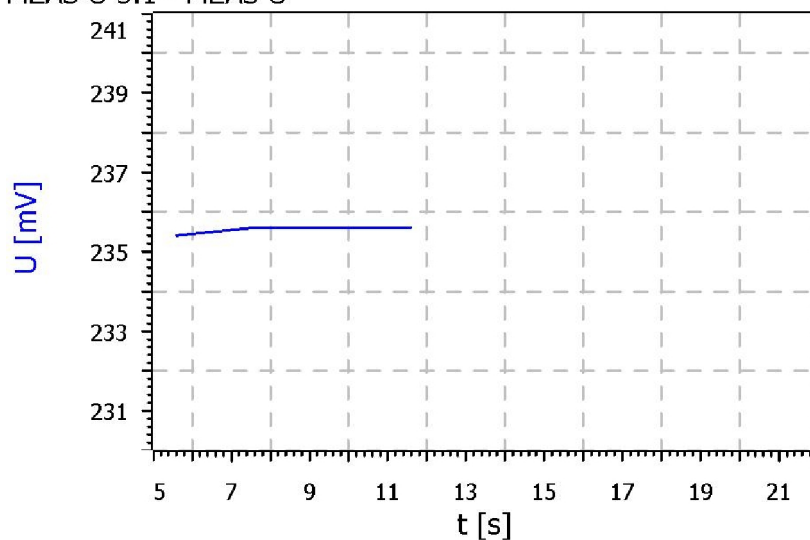
MEAS U 3.1 - MEAS U



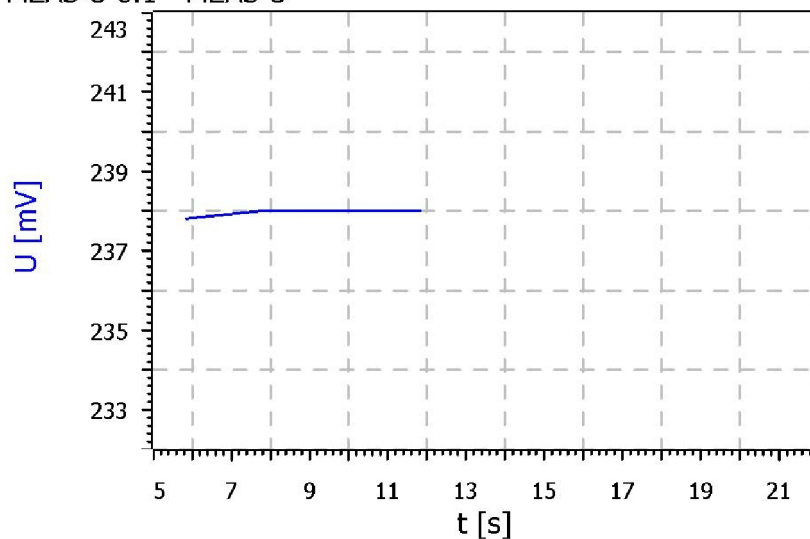
MEAS U 4.1 - MEAS U



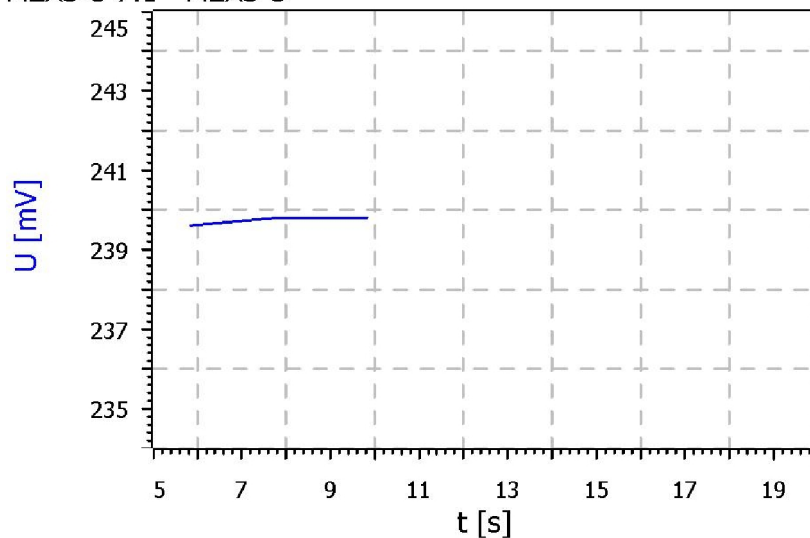
MEAS U 5.1 - MEAS U



MEAS U 6.1 - MEAS U



MEAS U 7.1 - MEAS U



MEAS U 8.1 - MEAS U

