

## Results report

Sample ID ..... 331-C0017D-9X-5\_25-35cmcm  
pmH value ..... 7.440  
Alkalinity ..... 5.409 mM  
Added HCl volume (mL) ..... 0.299 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 08:47:28 UTC+9  
User name ..... mcmanus

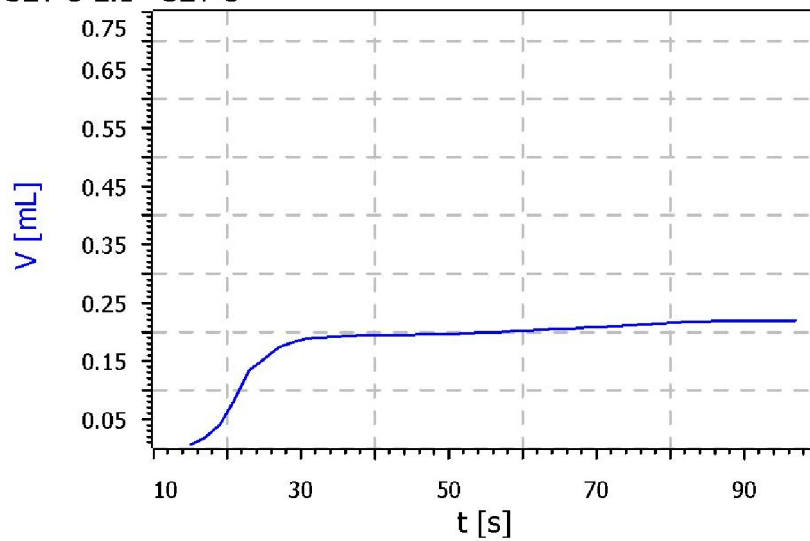
## End points

<b>MEAS pH</b>	<b>MEAS pmH.1</b>
EME .....	7.440 pH .....
<b>SET U</b>	<b>SET U 2.1</b>
EP1 .....	0.2190 mL ..... invalid s
<b>MEAS U</b>	<b>MEAS U 1.1</b>
EME .....	233.0 mV .....
<b>MEAS U</b>	<b>MEAS U 2.1</b>
EME .....	237.0 mV .....
<b>MEAS U</b>	<b>MEAS U 3.1</b>
EME .....	241.0 mV .....
<b>MEAS U</b>	<b>MEAS U 4.1</b>
EME .....	244.0 mV .....
<b>MEAS U</b>	<b>MEAS U 5.1</b>
EME .....	247.0 mV .....
<b>MEAS U</b>	<b>MEAS U 6.1</b>
EME .....	250.0 mV .....
<b>MEAS U</b>	<b>MEAS U 7.1</b>
EME .....	252.0 mV .....
<b>MEAS U</b>	<b>MEAS U 8.1</b>
EME .....	254.0 mV .....

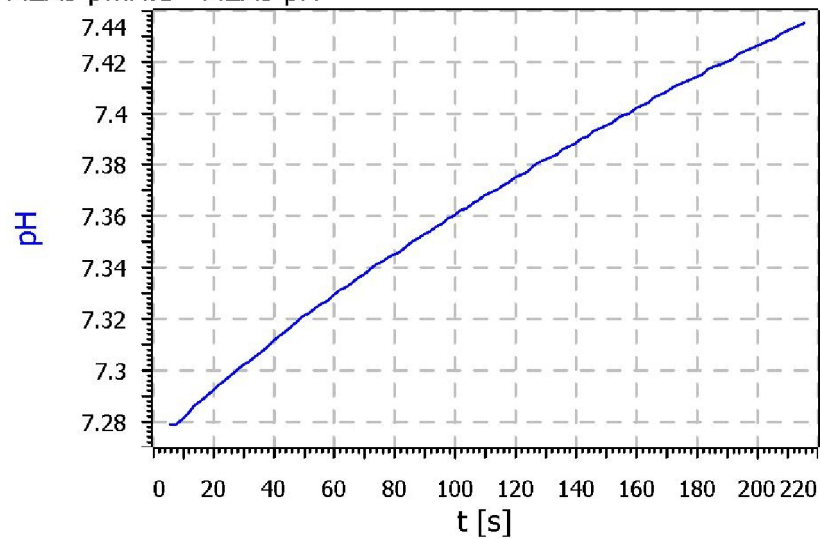
## Results

pmH	7.440	
Alkalinity	5.409	mol/L
HCl concentration	0.09496	
Added HCl 8	0.299	mL
Sample Name	331-C0017D-9X-5_25-35cmcm	
pH	invalid	
Added HCl at 210mV	0.219	mL
Gran factor 0	13511.805	
EMF0	214.300	
Added HCl 1	0.229	mL
Gran factor 1	28067.636	
Added HCl 2	0.239	mL
Gran factor 2	32898.297	
Added HCl 3	0.249	mL
Gran factor 3	38559.986	
Added HCl 4	0.259	mL
Gran factor 4	43470.038	
Added HCl 5	0.269	mL
Gran factor 5	49004.854	
Added HCl 6	0.279	mL
Gran factor 6	55243.871	
Added HCl 7	0.289	mL
Gran factor 7	59898.908	
Gran factor 8	64945.593	
n	2	
sum added HCl	0.47	
sum Gran factor	60965.93	
sum sq added HCl	0.11	
sum added HC*Gran factors	14290.18	
Y intercept	-82554.51	
slope	483066.13	
HCl at Gran end point	0.1709	mL

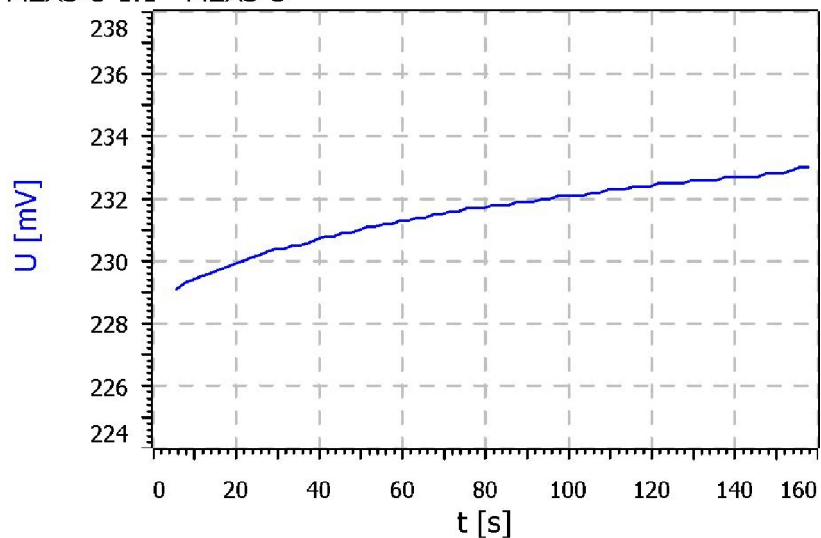
SET U 2.1 - SET U



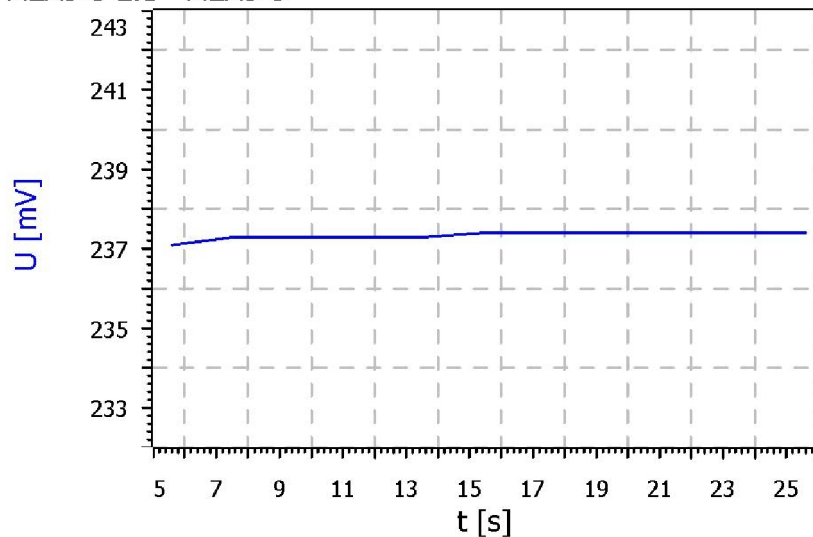
MEAS pmH.1 - MEAS pH



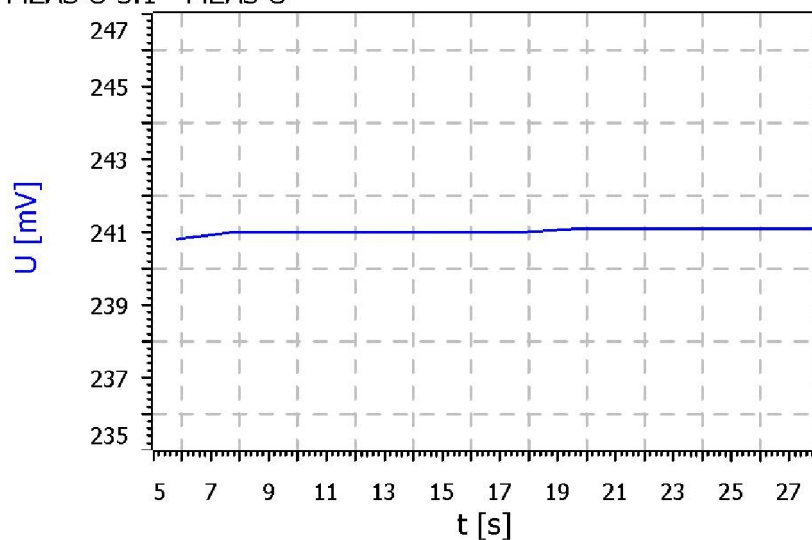
MEAS U 1.1 - MEAS U



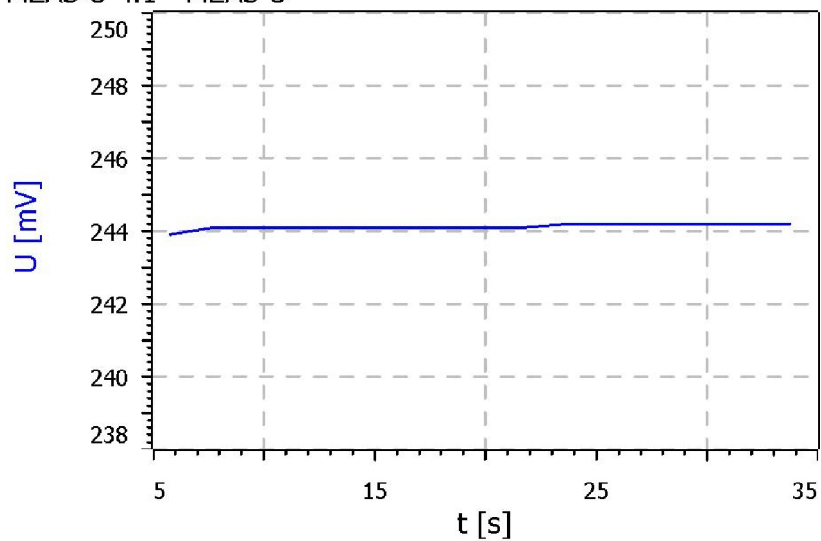
MEAS U 2.1 - MEAS U



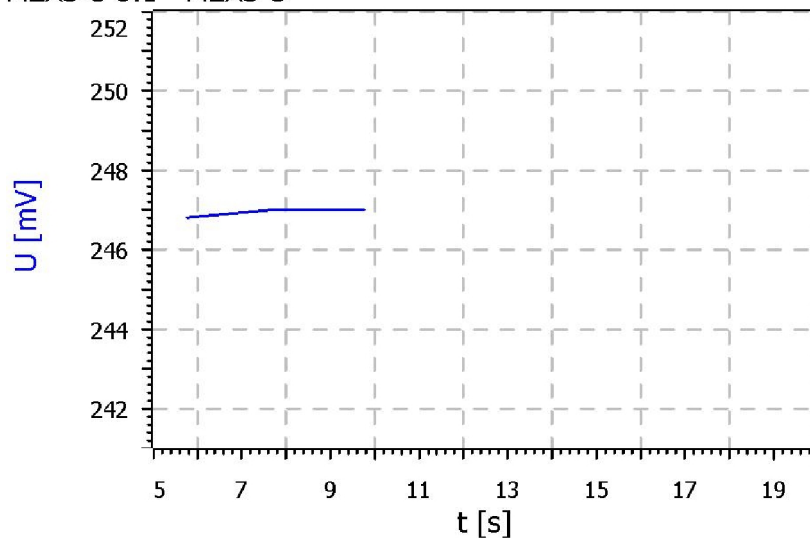
MEAS U 3.1 - MEAS U



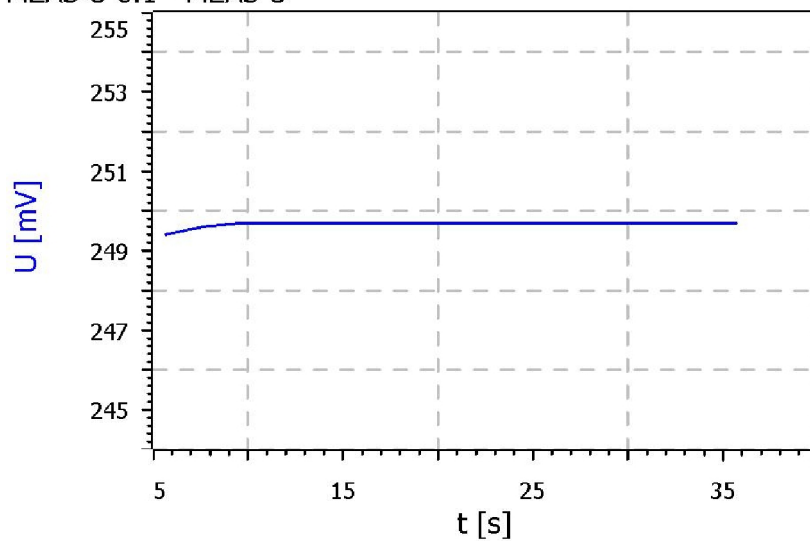
MEAS U 4.1 - MEAS U



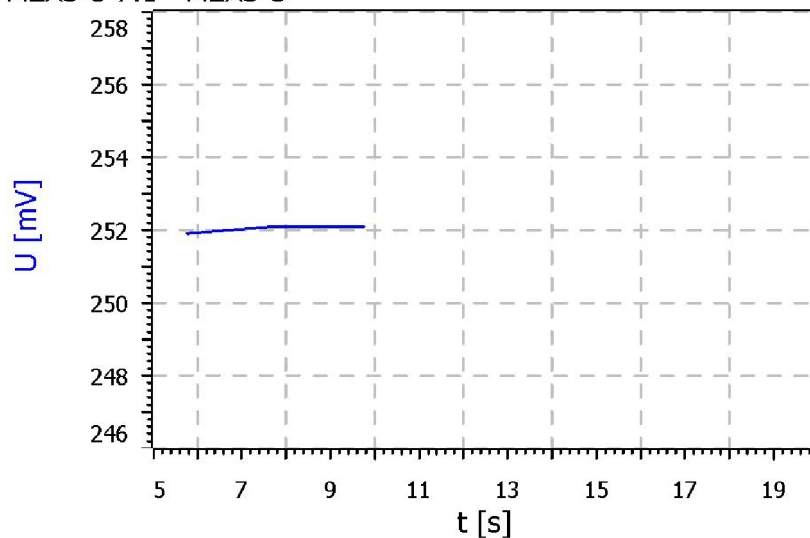
MEAS U 5.1 - MEAS U



MEAS U 6.1 - MEAS U



MEAS U 7.1 - MEAS U



MEAS U 8.1 - MEAS U

