

## Results report

Sample ID ..... 331-C0013D-1H-1\_57-67cm  
pmH value ..... 7.250  
Alkalinity ..... 3.309 mM  
Added HCl volume (mL) ..... 0.239 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 ..... 2010-09-11 20:26:58 UTC+9  
User name ..... Yamamoto

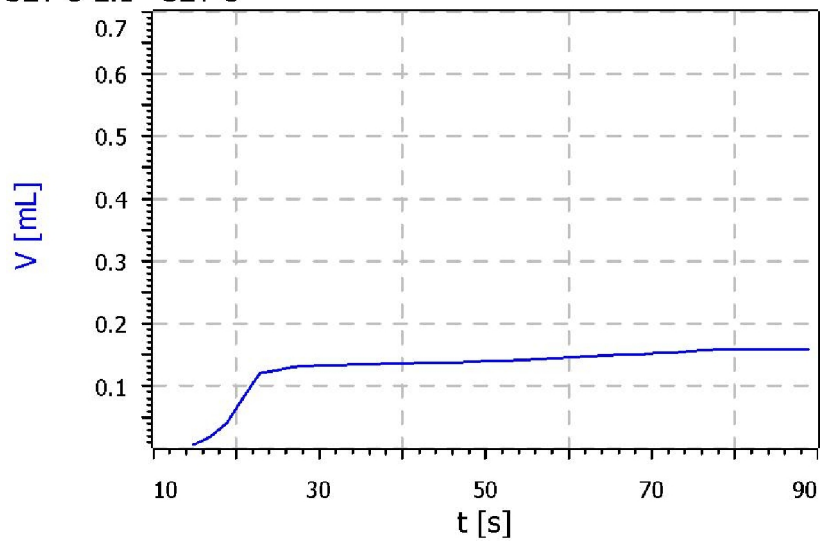
## End points

<b>MEAS pH</b>	<b>MEAS pmH.1</b>
EME .....	7.250 pH .....
<b>SET U</b>	<b>SET U 2.1</b>
EP1 .....	0.1590 mL ..... invalid s
<b>MEAS U</b>	<b>MEAS U 1.1</b>
EME .....	228.0 mV .....
<b>MEAS U</b>	<b>MEAS U 2.1</b>
EME .....	232.0 mV .....
<b>MEAS U</b>	<b>MEAS U 3.1</b>
EME .....	235.0 mV .....
<b>MEAS U</b>	<b>MEAS U 4.1</b>
EME .....	238.0 mV .....
<b>MEAS U</b>	<b>MEAS U 5.1</b>
EME .....	240.0 mV .....
<b>MEAS U</b>	<b>MEAS U 6.1</b>
EME .....	242.0 mV .....
<b>MEAS U</b>	<b>MEAS U 7.1</b>
EME .....	244.0 mV .....
<b>MEAS U</b>	<b>MEAS U 8.1</b>
EME .....	246.0 mV .....

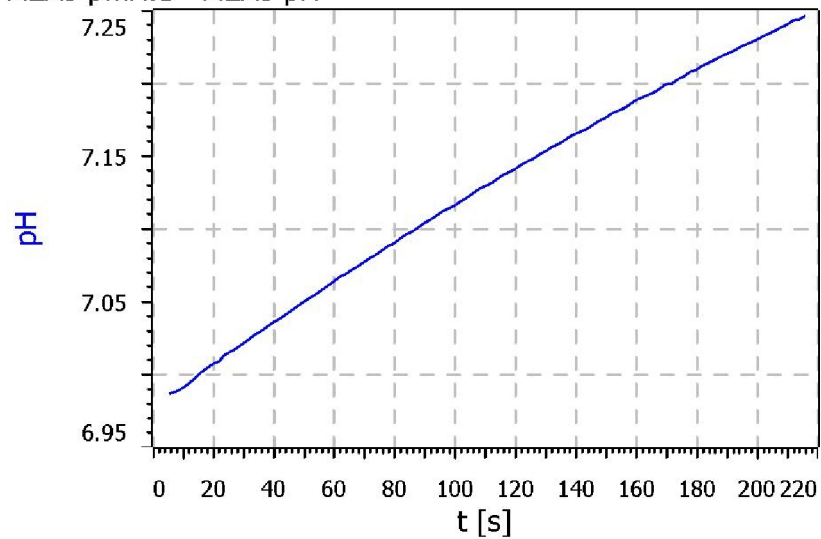
## Results

pmH	7.250	
Alkalinity	3.309	mol/L
HCl concentration	0.09564	
Added HCl 8	0.239	mL
Sample Name	331-C0013D-1H-1_57-67cm	
pH	invalid	
Added HCl at 210mV	0.159	mL
Gran factor 0	12953.834	
EMF0	213.700	
Added HCl 1	0.169	mL
Gran factor 1	22674.054	
Added HCl 2	0.179	mL
Gran factor 2	26577.991	
Added HCl 3	0.189	mL
Gran factor 3	29964.335	
Added HCl 4	0.199	mL
Gran factor 4	33781.807	
Added HCl 5	0.209	mL
Gran factor 5	36631.162	
Added HCl 6	0.219	mL
Gran factor 6	39720.463	
Added HCl 7	0.229	mL
Gran factor 7	43069.885	
Gran factor 8	46701.298	
n	5	
sum added HCl	0.95	
sum Gran factor	149629.35	
sum sq added HCl	0.18	
sum added HC*Gran factors	28631.13	
Y intercept	-36447.21	
slope	351180.34	
HCl at Gran end point	0.1038	mL

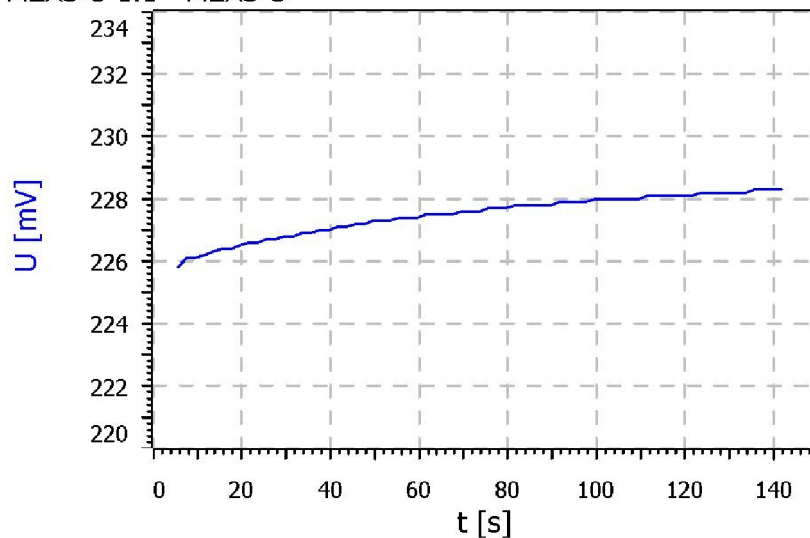
SET U 2.1 - SET U



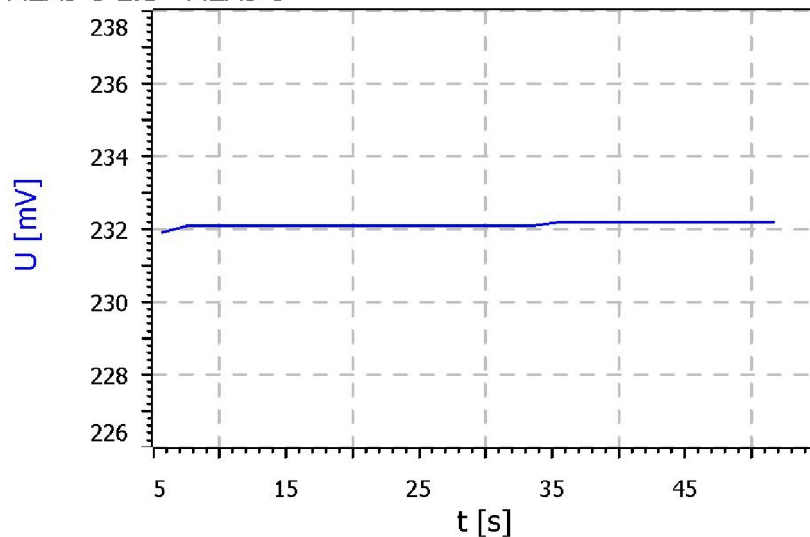
MEAS pmH.1 - MEAS pH



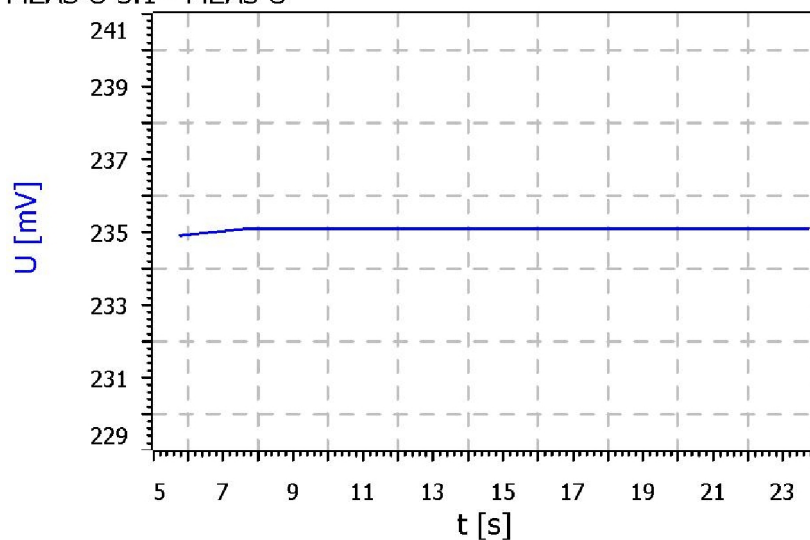
MEAS U 1.1 - MEAS U



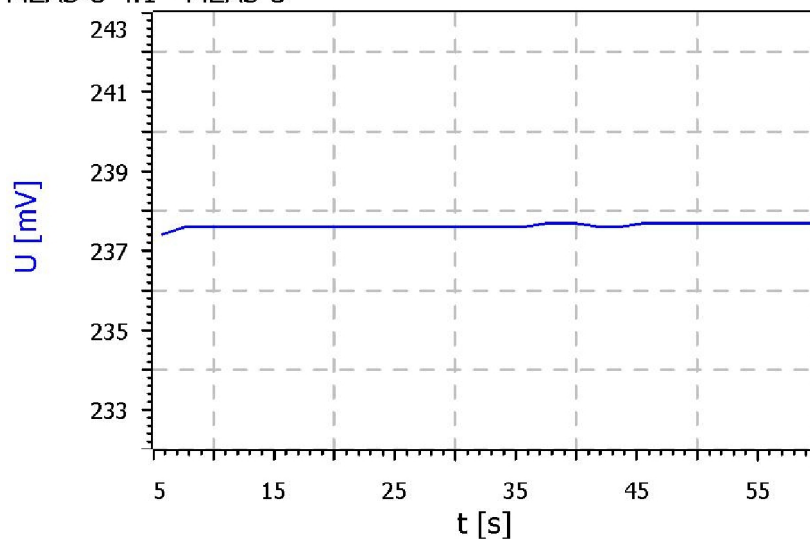
MEAS U 2.1 - MEAS U



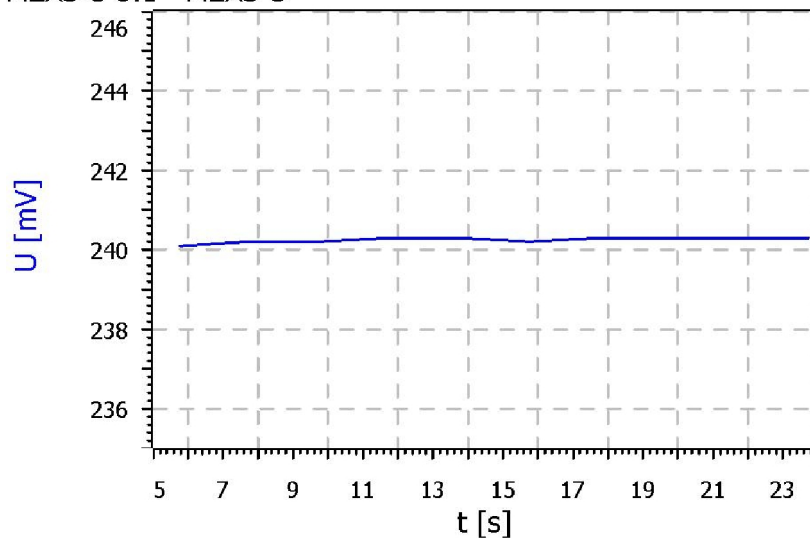
MEAS U 3.1 - MEAS U



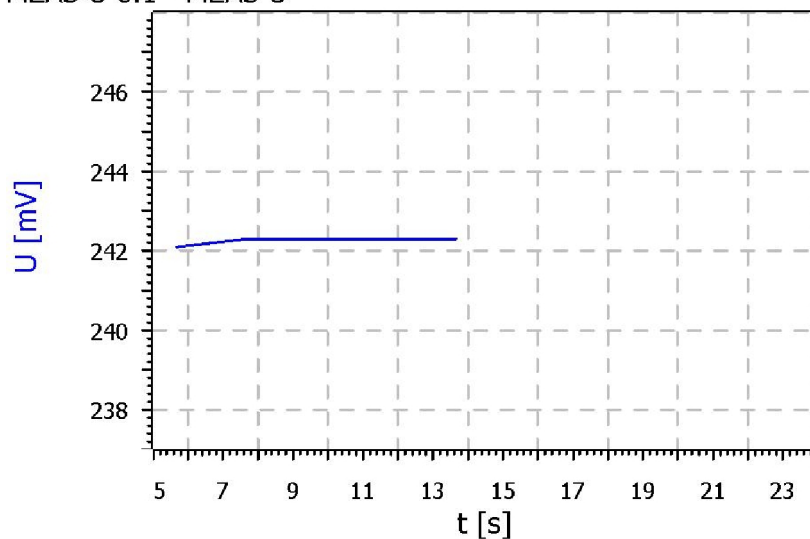
MEAS U 4.1 - MEAS U



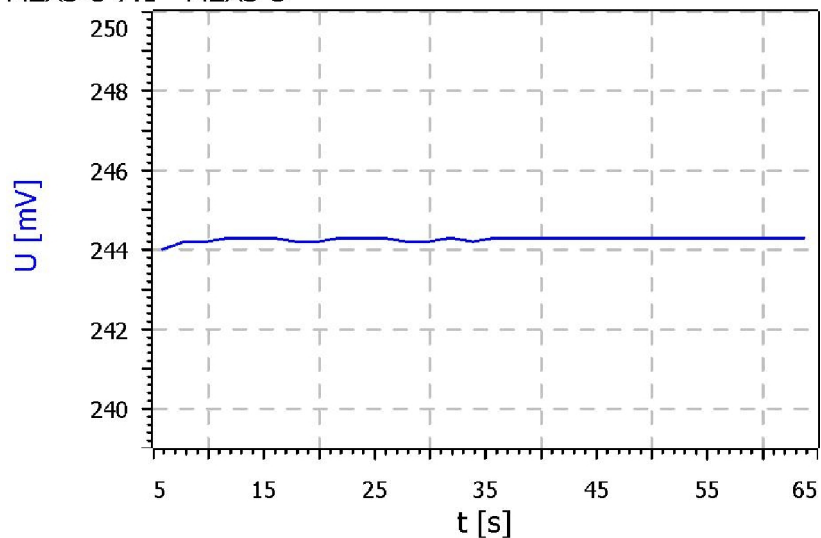
MEAS U 5.1 - MEAS U



MEAS U 6.1 - MEAS U



MEAS U 7.1 - MEAS U



MEAS U 8.1 - MEAS U

