

## CLORUROS NaCl

MEDIO: Aire		CLORUROS NaCl O <sub>2</sub>					
Tª: 25°C							
E	NaCl (ph 7)	NaCl (ph 9)	NaCl (ph 11)	NaCl (ph 12,5)			
E CORR (V)							
5sd	-0.448	-0.657	-0.654	-0.806	2	2	
2sd	-0.421	-0.671	-0.641	-0.79	2	2	
1sd	-0.439	-0.662	-0.653	-0.803	2	2	
4sd	-0.422	-0.658	-0.662	-0.772	2	2	
ECORR_medio_Sd	-0.43	-0.66	-0.65	-0.79			
E	NaCl (ph 7)	NaCl (ph 9)	NaCl (ph 11)	NaCl (ph 13)			
I CORR (A/cm2)							
5sd	8.76E-05	6.509E-05	4.194E-05	1.97E-04	2	2	
2sd	6.33E-05	6.540E-05	4.881E-05	3.68E-05	2	2	
1sd	5.08E-05	3.964E-05	3.825E-05	2.89E-05	2	2	
4sd	8.49E-05	4.945E-05	3.470E-05	3.57E-05	2	2	
ICORR_medio_Sd	7.17E-05	5.49E-05	4.09E-05	3.38E-05			
E	NaCl (ph 7)	NaCl (ph 9)	NaCl (ph 11)	NaCl (ph 13)			
Rp (Ohm)							
5sd	6.15E+02	3.98E+02	2.51E+02	1.89E+02	2	2	
2sd	3.93E+02	5.62E+02	1.76E+02	2.61E+02	2	2	
1sd	4.03E+02	2.14E+02	1.79E+02	1.17E+02	2	2	
4sd	6.90E+02	2.93E+02	2.50E+02	4.29E+02	2	2	
Rp_medio_Sd	5.25E+02	3.67E+02	2.14E+02	2.69E+02			
E	NaCl (ph 7)	NaCl (ph 9)	NaCl (ph 11)	NaCl (ph 13)			
Corrosion rate (mm/y)							
5sd	2.07E+00	1.51E+00	9.82E-01	4.58E+00	2	2	
2sd	1.47E+00	1.52E+00	1.14E+00	8.56E-01	2	2	
1sd	1.18E+00	9.22E-01	8.95E-01	6.72E-01	2	2	
4sd	1.98E+00	1.15E+00	8.13E-01	8.31E-01	2	2	
C.rate_medio_Sd	1.68E+00	1.28E+00	9.58E-01	7.86E-01			

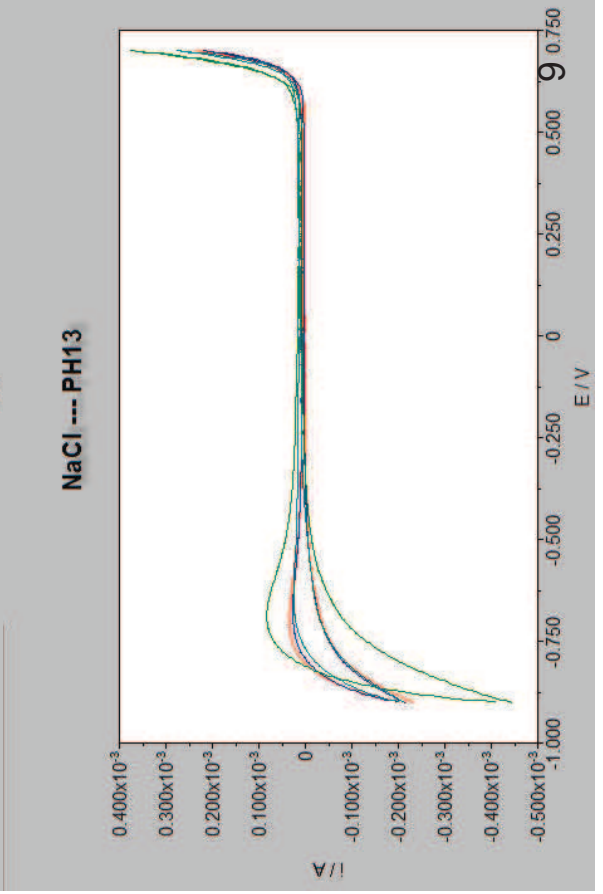
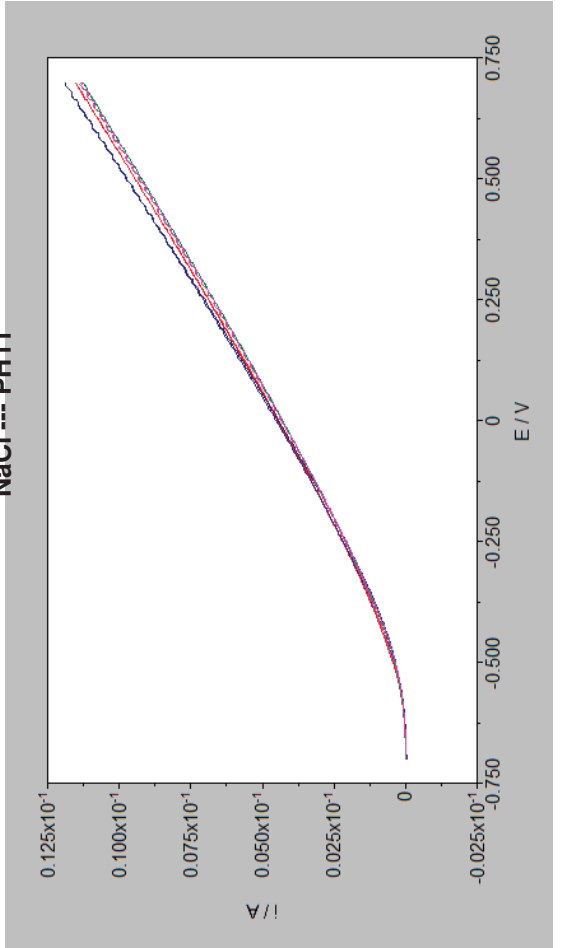
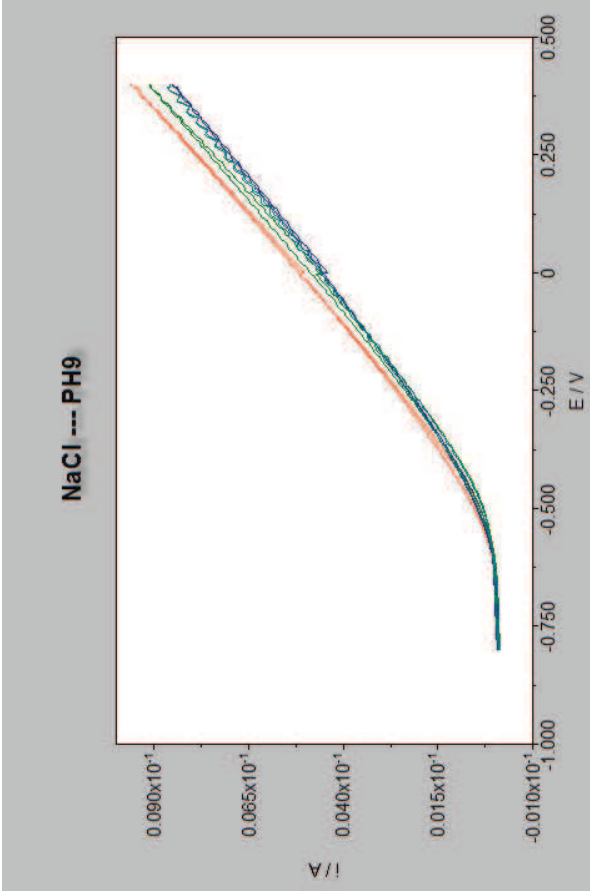
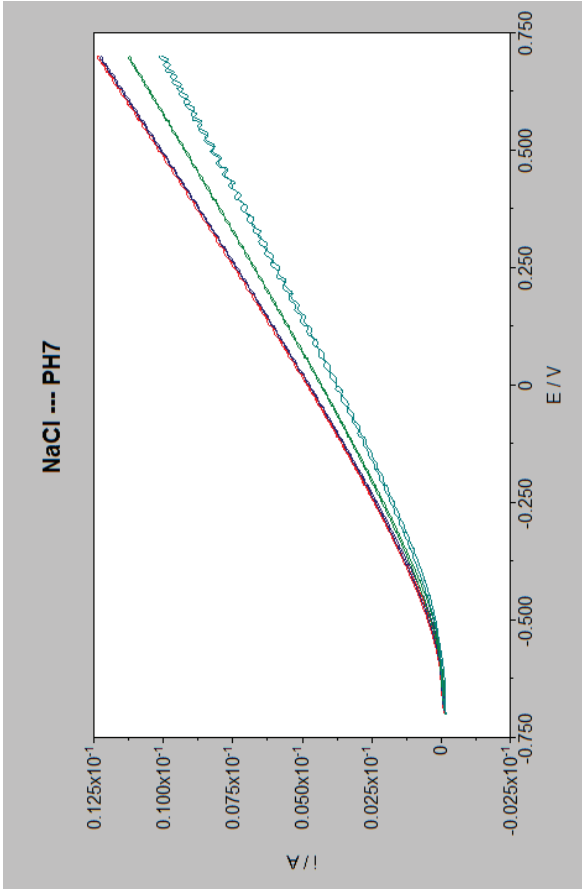


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## CLORUROS NaCl



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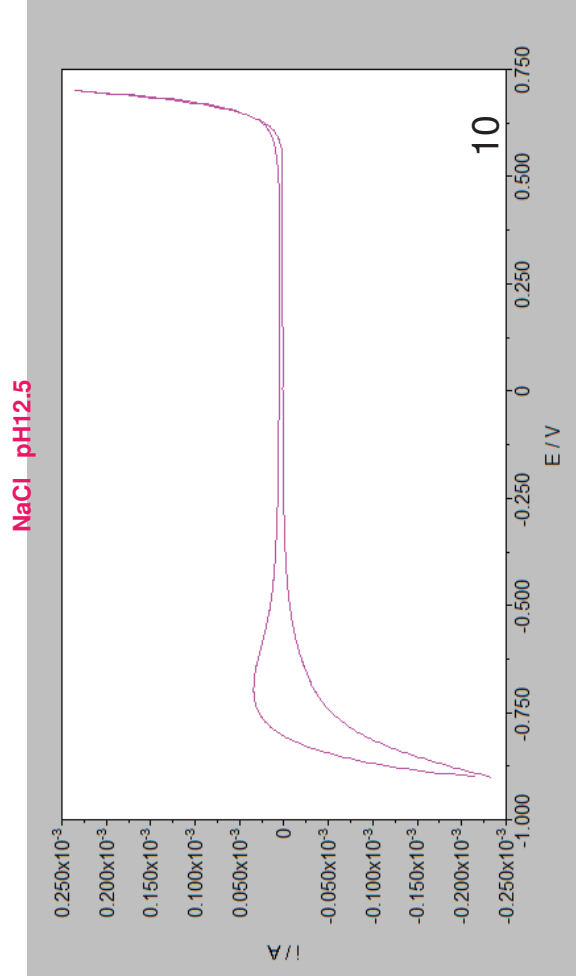
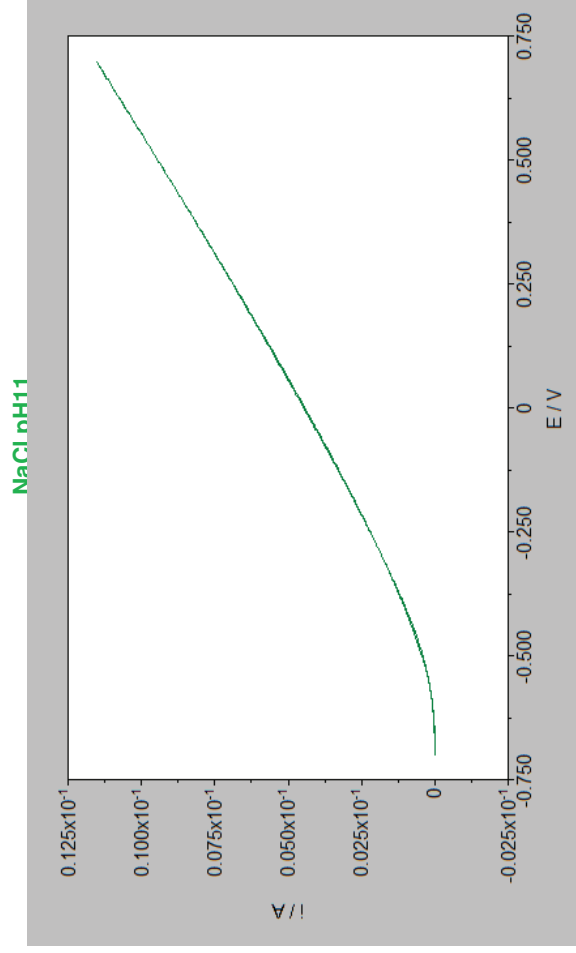
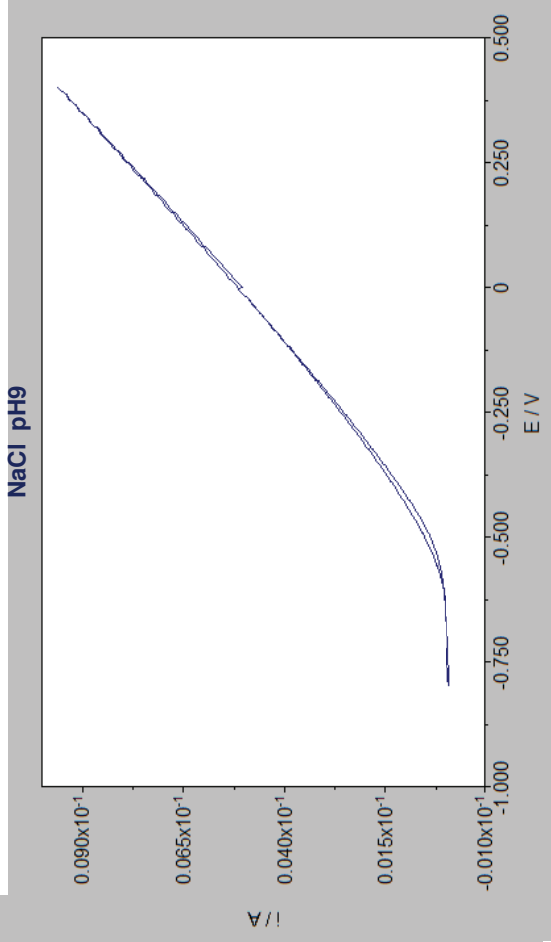
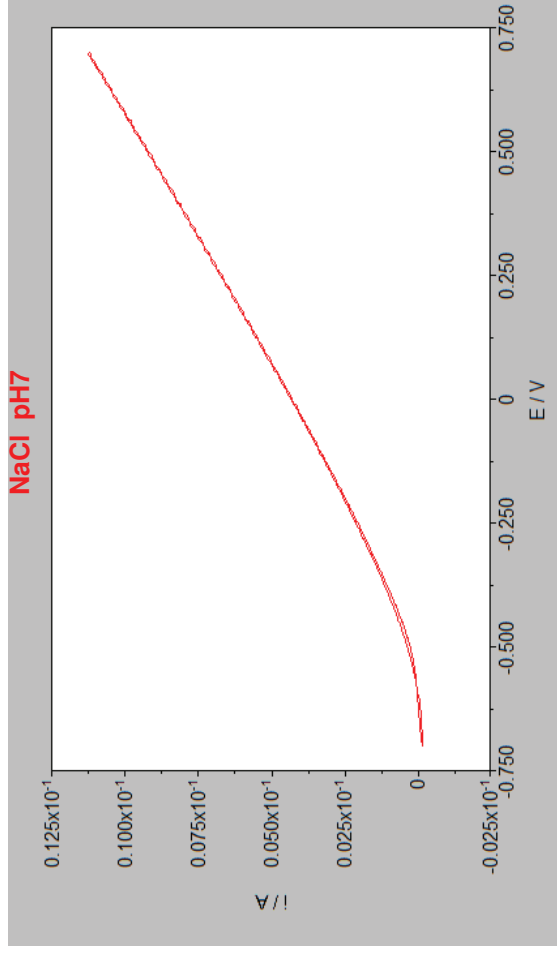


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## CLORUROS NaCl 0.1M\_sin lh





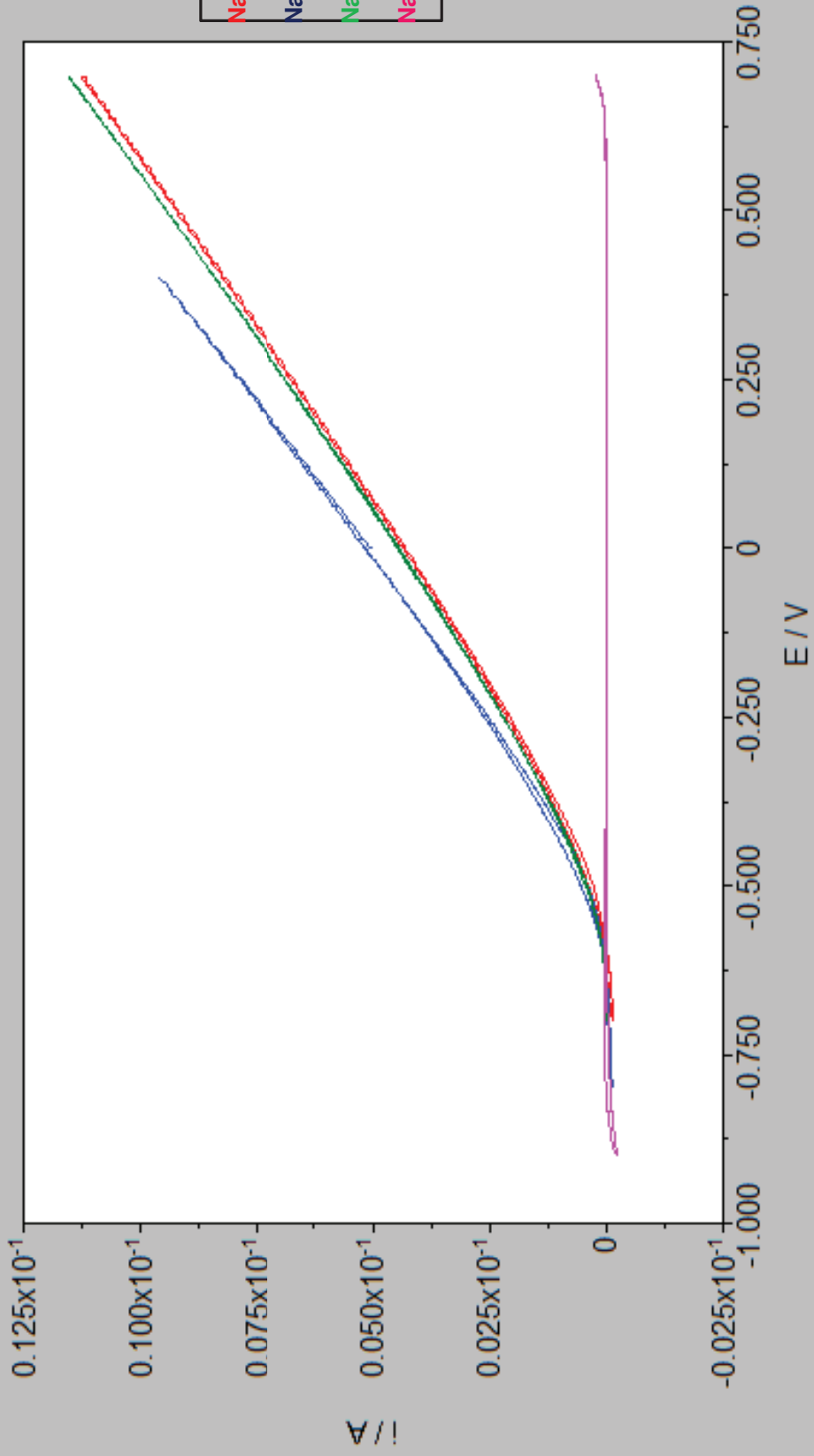
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## CLORUROS NaCl 0.1M\_sin lh

### SUPERPOSICIÓN DISTINTOS PH



## CLORUROS NaCl 0.1M \_ Inhibidor RHEOCRETE BASF 200

MEDIO: Aire		T <sup>±</sup> : 25°C		CLORUROS NaCl		O <sub>2</sub>	
E	NaCl (ph 7)	NaCl (ph 9)	NaCl (ph 11)	NaCl (ph 12,5)			
5sd	-0.586	-0.564	-0.519	0.054	2	2	2
2sd	-0.618	-0.6	-0.504	-0.017	2	2	2
1sd	-0.575	-0.597	-0.496	-0.201	2	2	2
4sd	-0.557	-0.609	-0.503	-0.009	2	2	2
ECORR_medio_Sd	-0.58	-0.59	-0.51	-0.04			
E	NaCl (ph 7)	NaCl (ph 9)	NaCl (ph 11)	NaCl (ph 13)			
I CORR (A/cm2)							
5sd	2.91E-04	4.372E-04	1.129E-04	2.63E-06	2	2	2
2sd	1.89E-04	2.742E-04	1.401E-04	3.73E-07	2	2	2
1sd	3.49E-04	3.867E-04	1.667E-04	1.45E-06	2	2	2
4sd	3.93E-04	2.019E-04	1.367E-04	4.84E-07	2	2	2
I CORR_medio_Sd	3.06E-04	3.25E-04	1.39E-04	1.23E-06			
E	NaCl (ph 7)	NaCl (ph 9)	NaCl (ph 11)	NaCl (ph 13)			
Rp (Ohm)							
5sd	2.13E+02	1.40E+02	7.53E+01	1.51E+04	2	2	2
2sd	1.24E+02	3.40E+02	7.28E+01	5.26E+04	2	2	2
1sd	1.67E+02	3.58E+02	5.48E+01	3.36E+04	2	2	2
4sd	1.50E+02	2.02E+02	7.68E+01	9.21E+04	2	2	2
RP_medio_Sd	1.63E+02	2.60E+02	6.99E+01	4.83E+04			
E	NaCl (ph 7)	NaCl (ph 9)	NaCl (ph 11)	NaCl (ph 13)			
Corrosion rate (mm/y)							
5sd	6.81E+00	1.02E+01	2.64E+00	6.15E-02	2	2	2
2sd	4.43E+00	6.42E+00	3.28E+00	8.72E-03	2	2	2
1sd	8.18E+00	9.05E+00	3.90E+00	3.40E-02	2	2	2
4sd	9.21E+00	4.73E+00	3.20E+00	1.13E-02	2	2	2
C.rate_medio_Sd	7.16E+00	7.61E+00	3.26E+00	2.89E-02			



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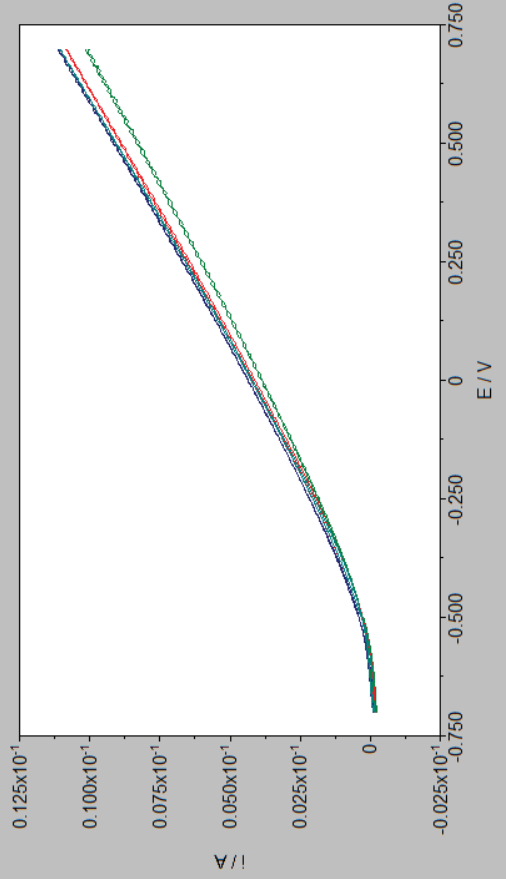


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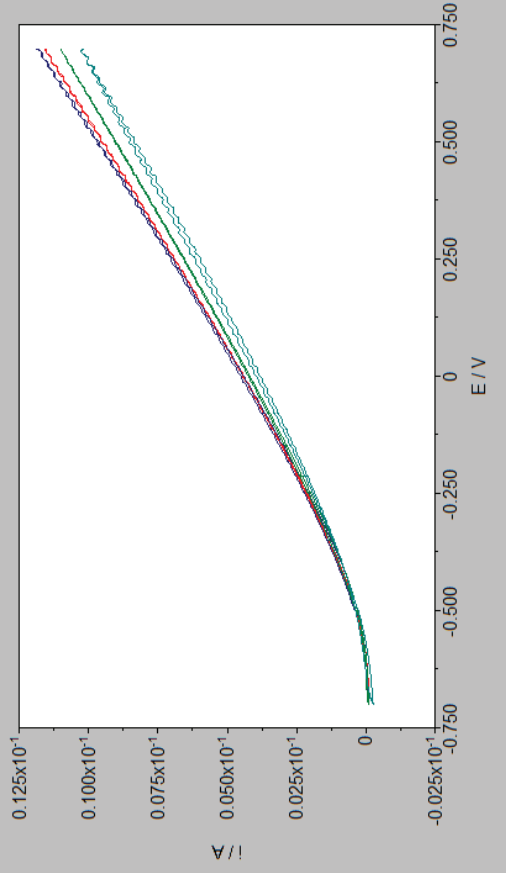
# CLORUROS NaCl 0.1M

## 1h RHEOC. BASF 200

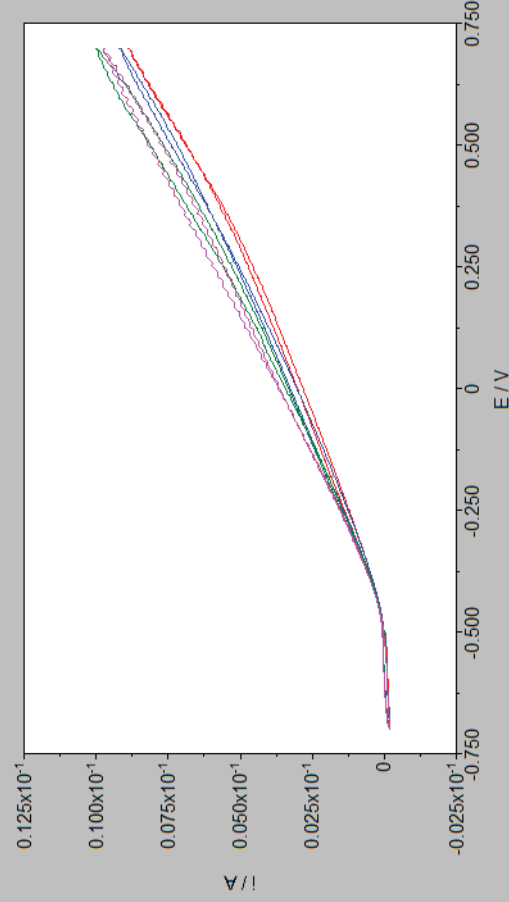
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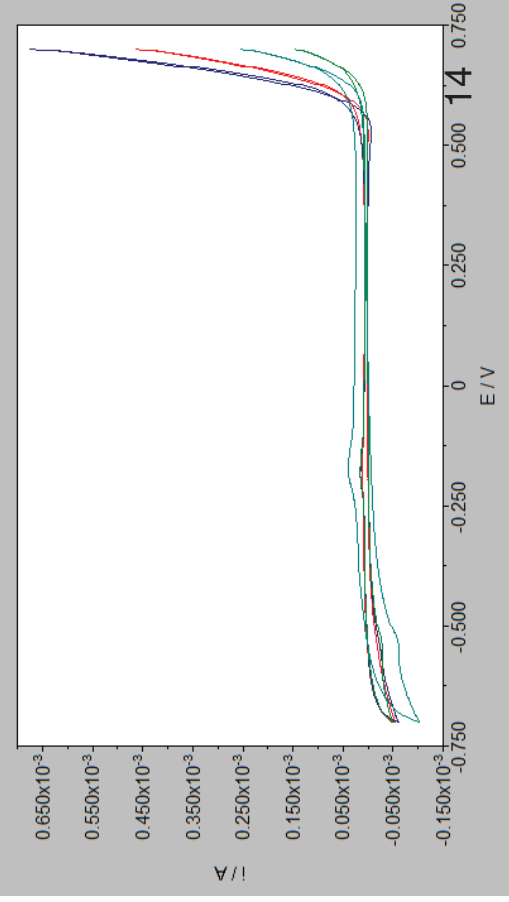
NaCl – PH9



NaCl – PH11



NaCl – PH12.5





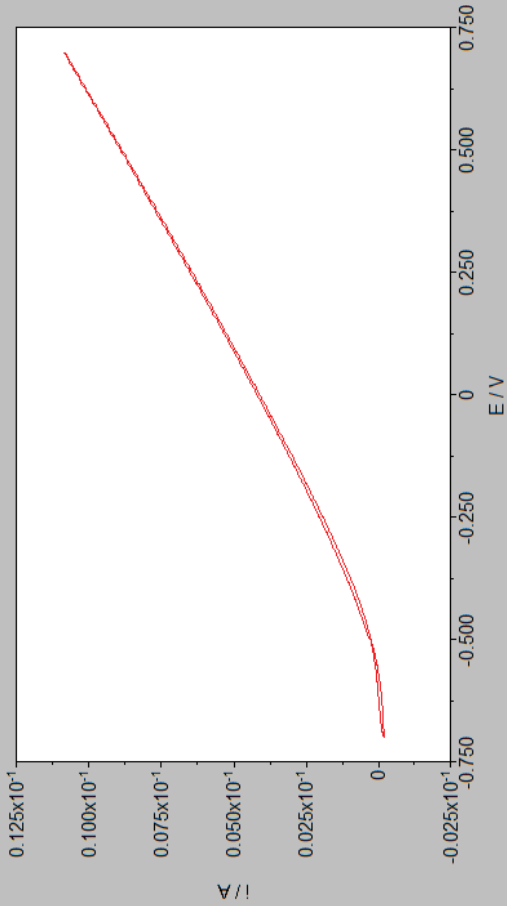
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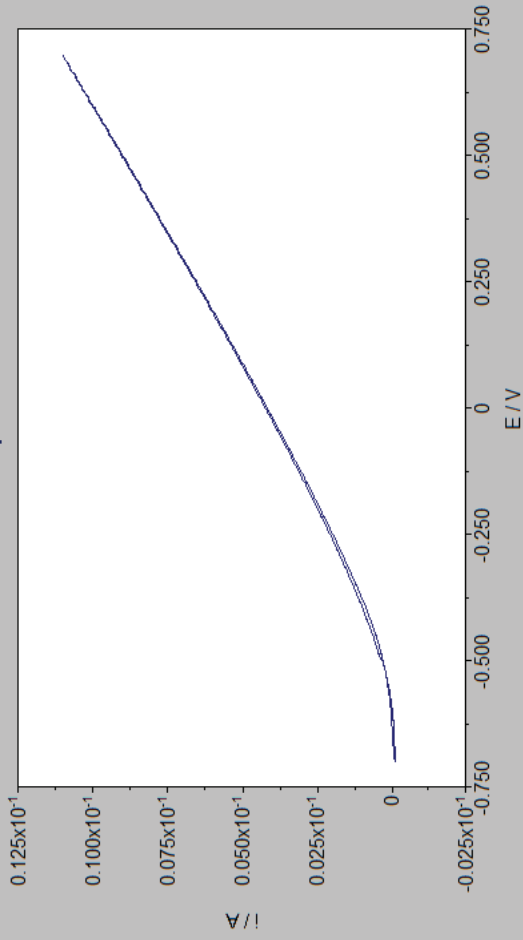
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# CLOURUROS NaCl 0.1M 1h RHEOC. BASF 200

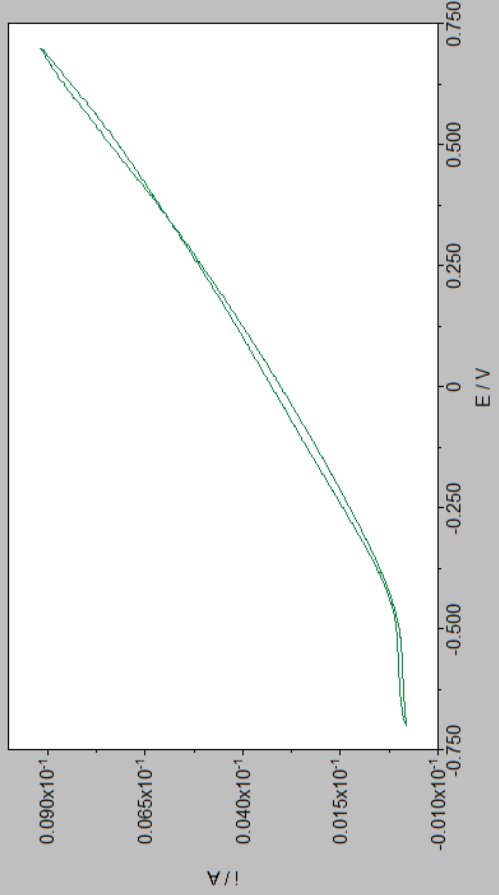
NaCl pH7



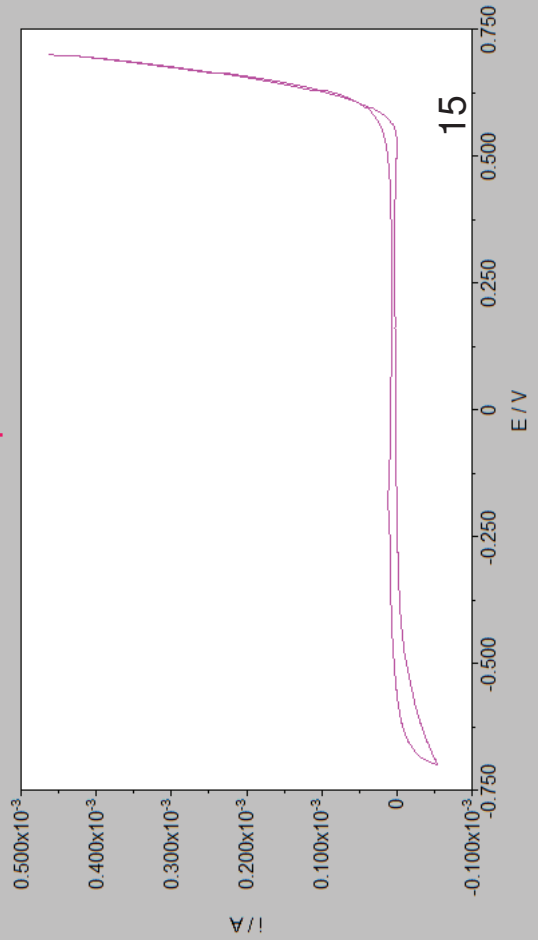
NaCl pH9



NaCl pH11

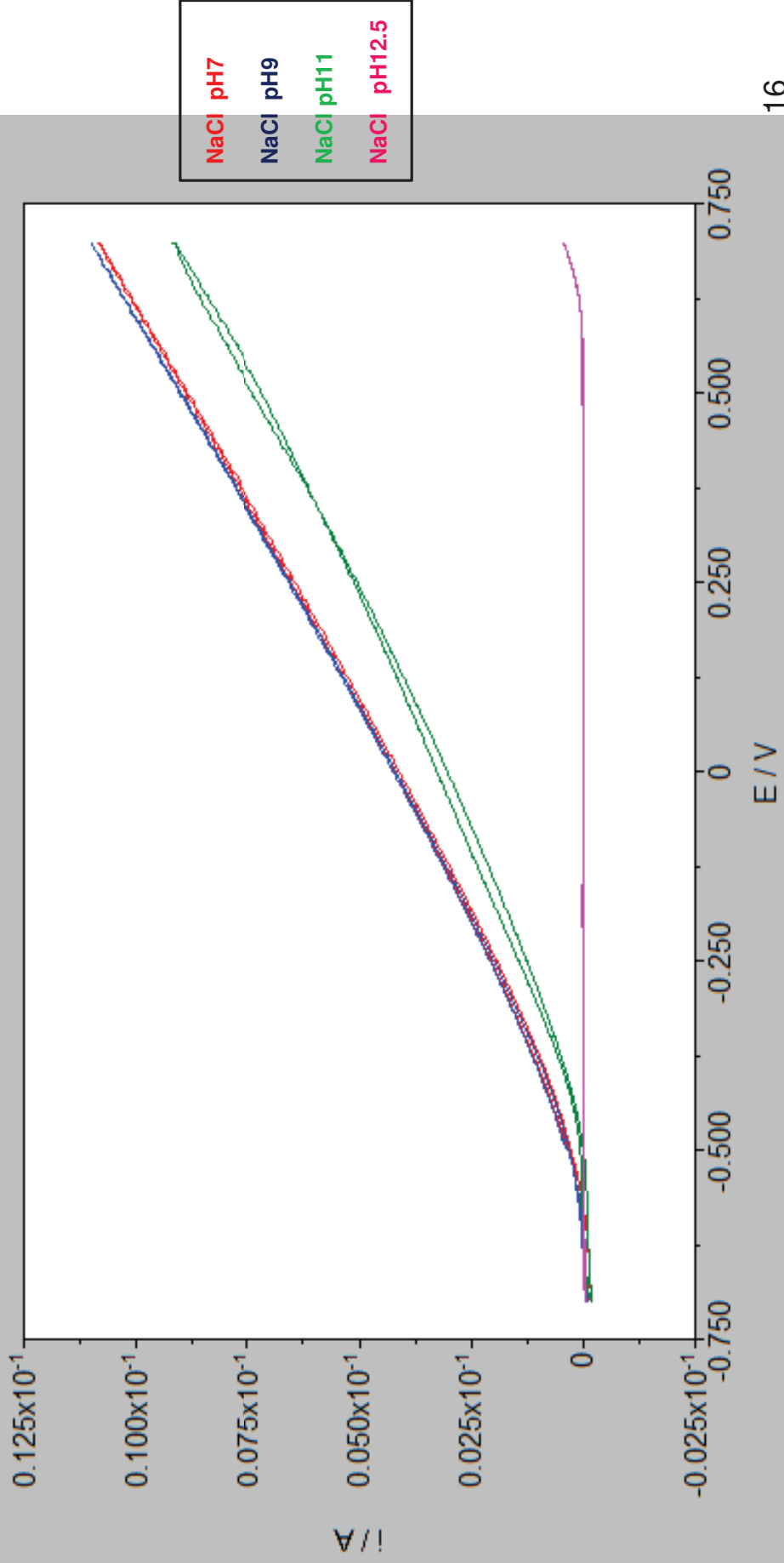


NaCl pH12.5



**CLORUROS NaCl 0.1M**  
Ih RHEOC. BASF 200

### SUPERPOSICIÓN DISTINTOS PH

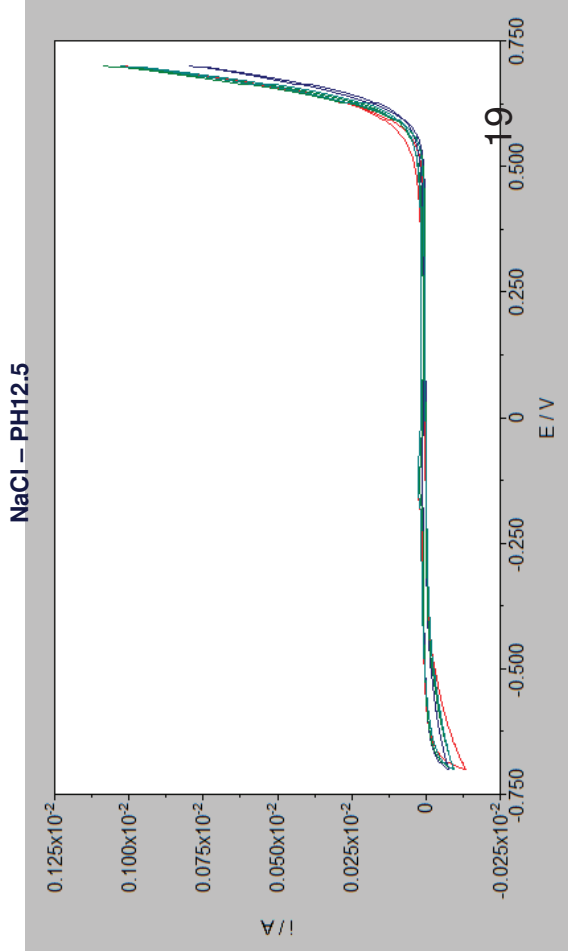
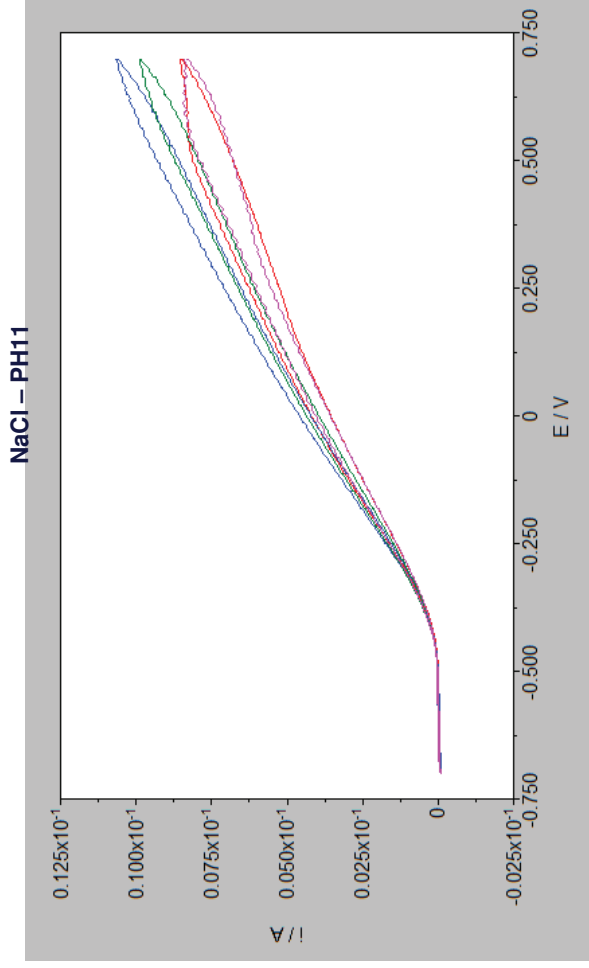
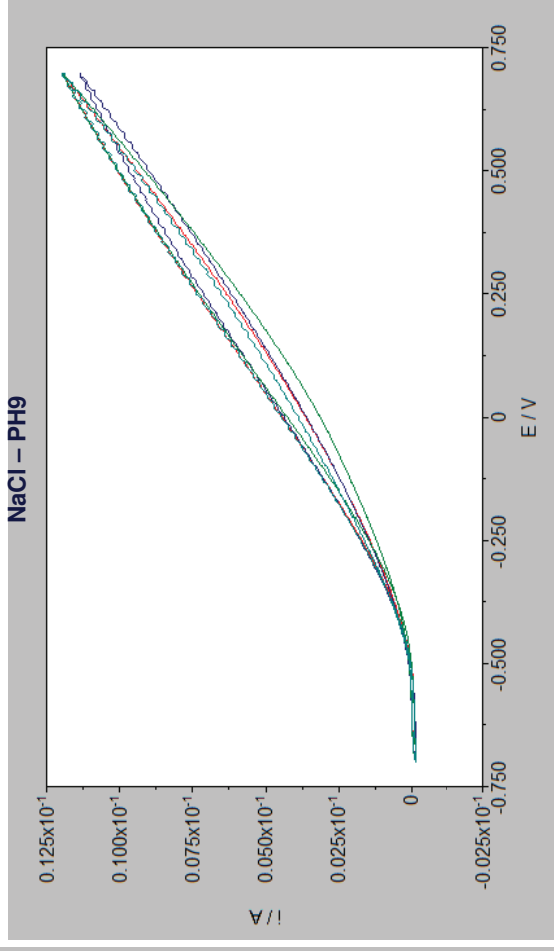
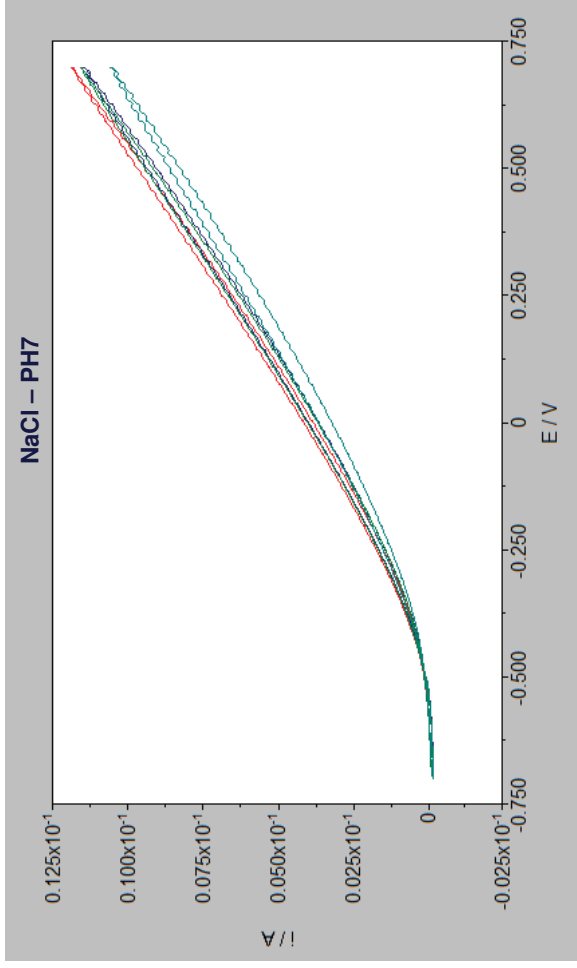




## CLORUROS NaCl 0.1M \_ Inhibidor SIKA FERROGARD 901

MEDIO: Aire		T <sup>±</sup> : 25°C		CLORUROS NaCl		O <sub>2</sub>	
E	NaCl (ph 7)	NaCl (ph 9)	NaCl (ph 11)	NaCl (ph 12,5)			
5sd	-0.539	-0.519	-0.509	-0.097	2	2	2
2sd	-0.544	-0.515	-0.494	-0.14	2	2	2
1sd	-0.538	-0.513	-0.49	-0.218	2	2	2
4sd	-0.533	-0.513	-0.513	-0.145	2	2	2
ECORR_medio_Sd	-0.54	-0.52	-0.50	-0.15			
E	NaCl (ph 7)	NaCl (ph 9)	NaCl (ph 11)	NaCl (ph 13)			
I CORR (A/cm2)							
5sd	2.81E-04	2.044E-04	2.919E-05	2.10E-06	2	2	2
2sd	3.16E-04	2.330E-04	2.959E-05	1.24E-06	2	2	2
1sd	1.24E-04	2.093E-04	1.067E-04	1.84E-06	2	2	2
4sd	1.49E-04	1.556E-04	7.185E-05	1.29E-06	2	2	2
I CORR_medio_Sd	2.18E-04	2.01E-04	5.93E-05	1.62E-06			
E	NaCl (ph 7)	NaCl (ph 9)	NaCl (ph 11)	NaCl (ph 13)			
Rp (Ohm)							
5sd	1.91E+02	1.60E+02	1.54E+02	1.47E+04	2	2	2
2sd	2.08E+02	1.45E+02	9.91E+01	5.21E+04	2	2	2
1sd	9.54E+01	1.45E+02	3.80E+02	1.38E+04	2	2	2
4sd	1.32E+02	1.80E+02	3.53E+02	3.70E+04	2	2	2
RP_medio_Sd	1.57E+02	1.57E+02	2.47E+02	2.94E+04			
E	NaCl (ph 7)	NaCl (ph 9)	NaCl (ph 11)	NaCl (ph 13)			
Corrosion rate (mm/y)							
5sd	6.57E+00	4.79E+00	6.83E-01	4.91E-02	2	2	2
2sd	7.40E+00	5.45E+00	6.93E-01	2.91E-02	2	2	2
1sd	2.90E+00	4.90E+00	2.50E+00	4.31E-02	2	2	2
4sd	3.50E+00	3.64E+00	1.68E+00	3.02E-02	2	2	2
C.rate_medio_Sd	5.09E+00	4.70E+00	1.39E+00	3.79E-02			

**CLORUROS NaCl 0.1M**  
Ih SIKA FERROGARD 901





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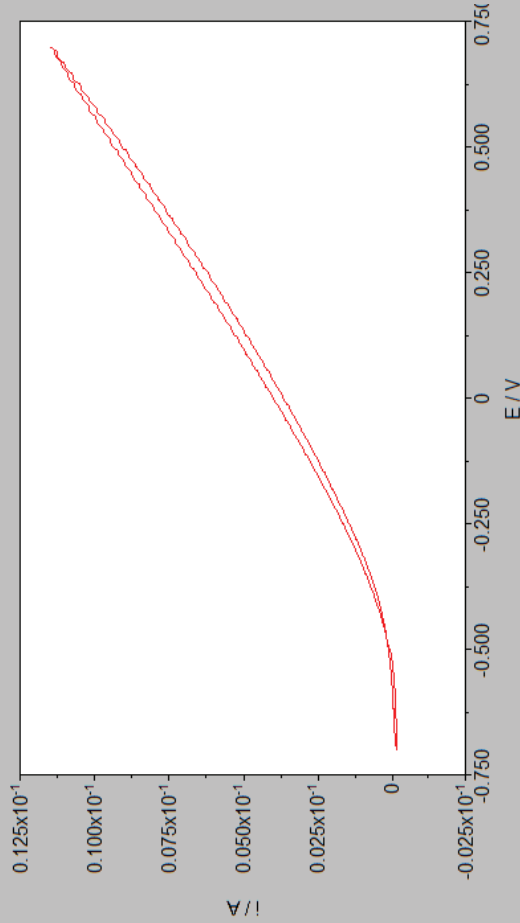


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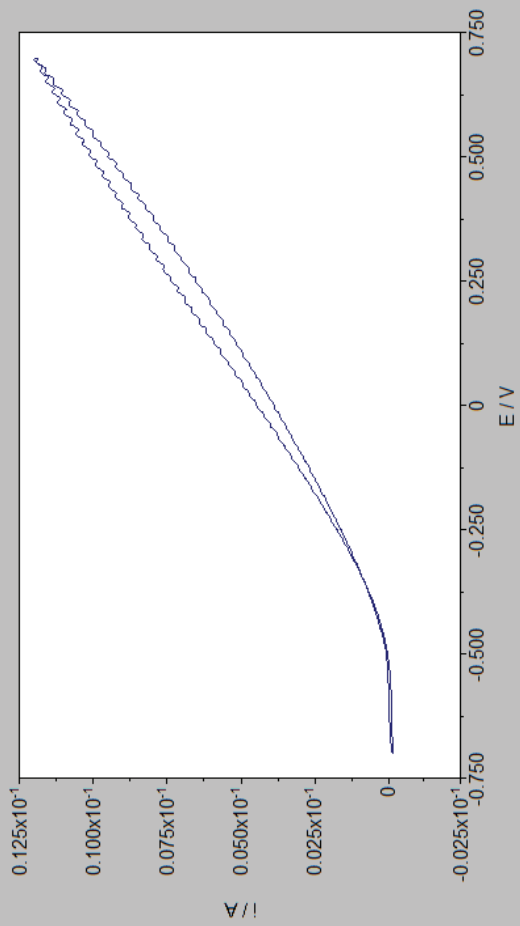
# CLORUROS NaCl 0.1M

## 1h SIKA FERROGARD 901

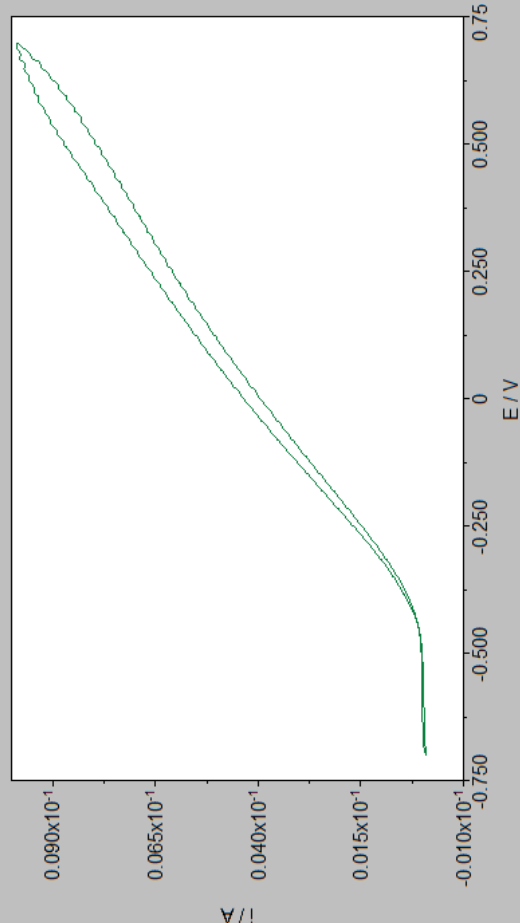
NaCl pH7



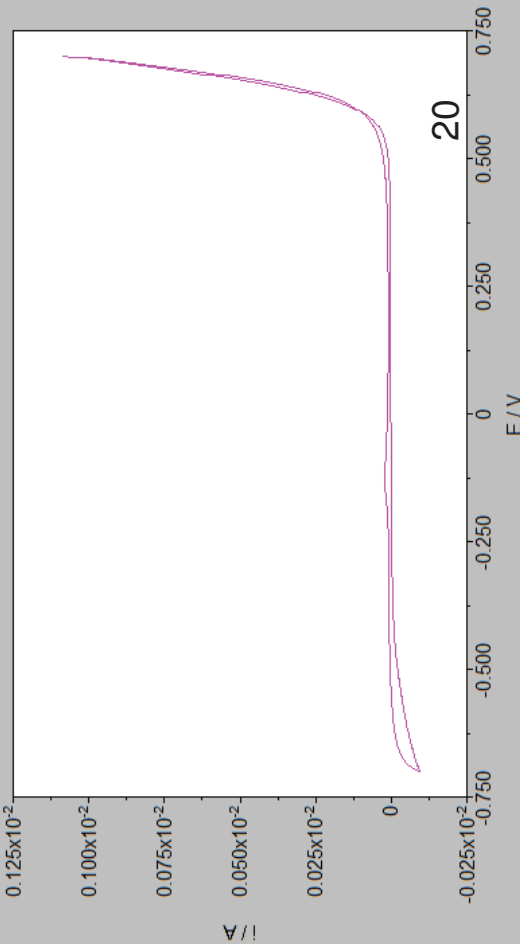
NaCl pH9



NaCl pH11

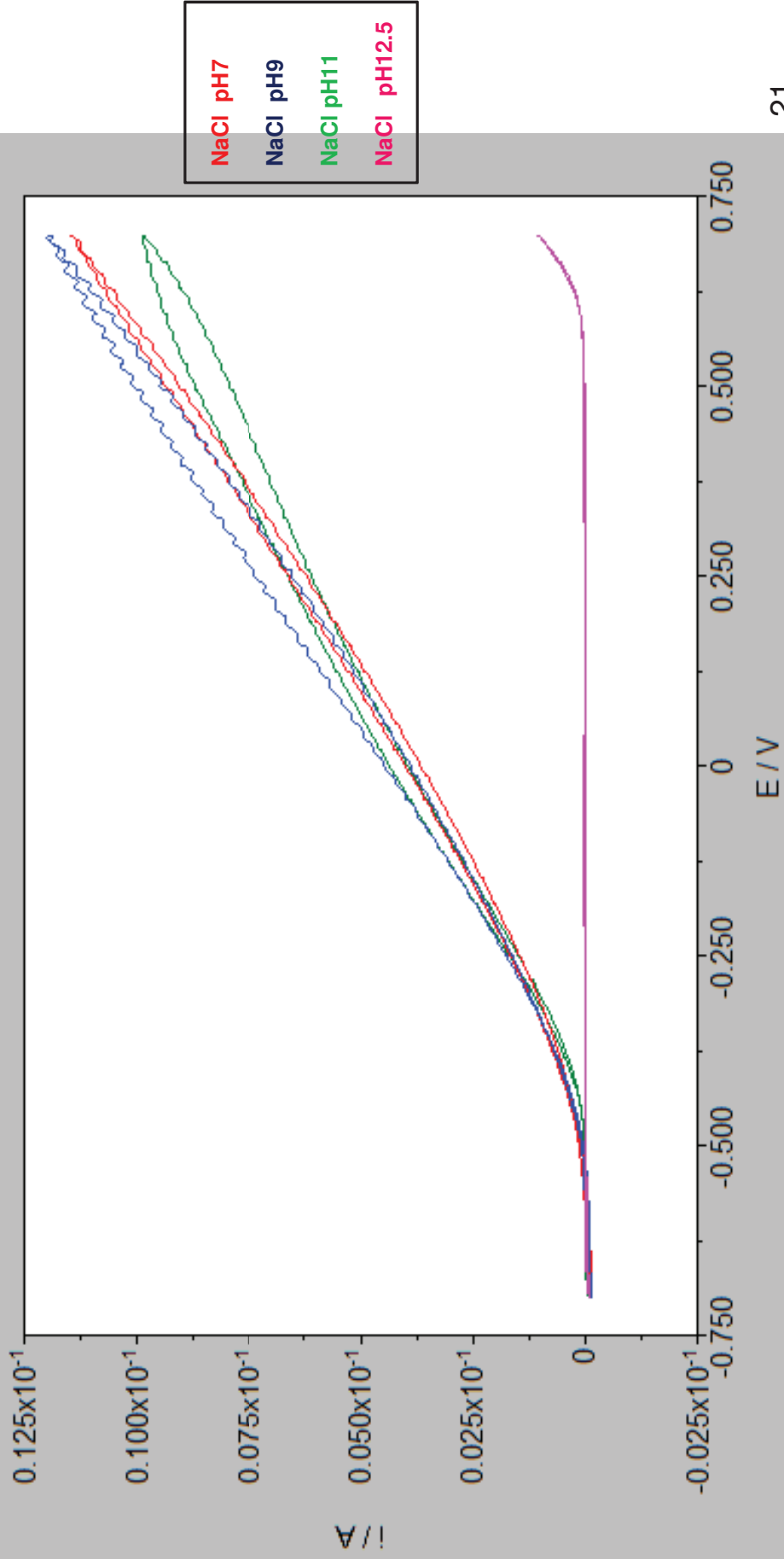


NaCl pH12.5



**CLORUROS NaCl 0.1M**  
Ih SIKA FERROGARD 901

**SUPERPOSICIÓN DISTINTOS PH**





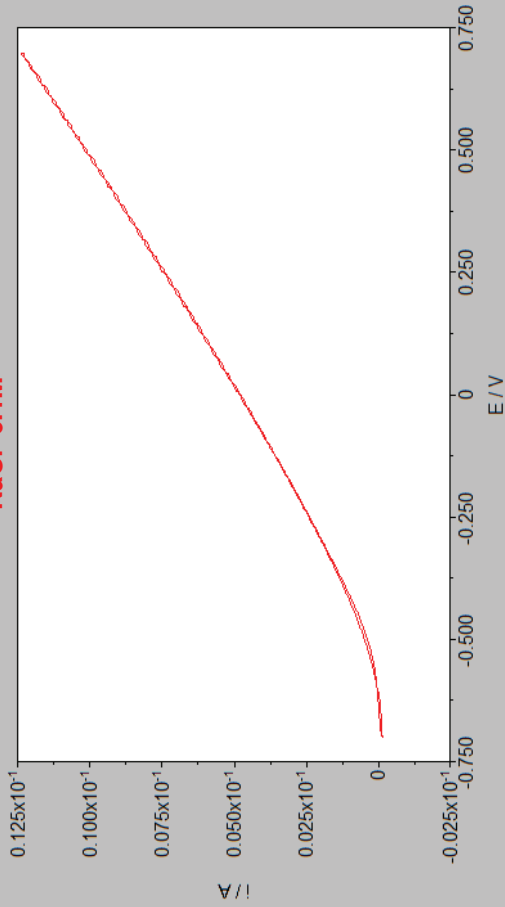
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# CLORUROS NaCl 0.1M Ph 7

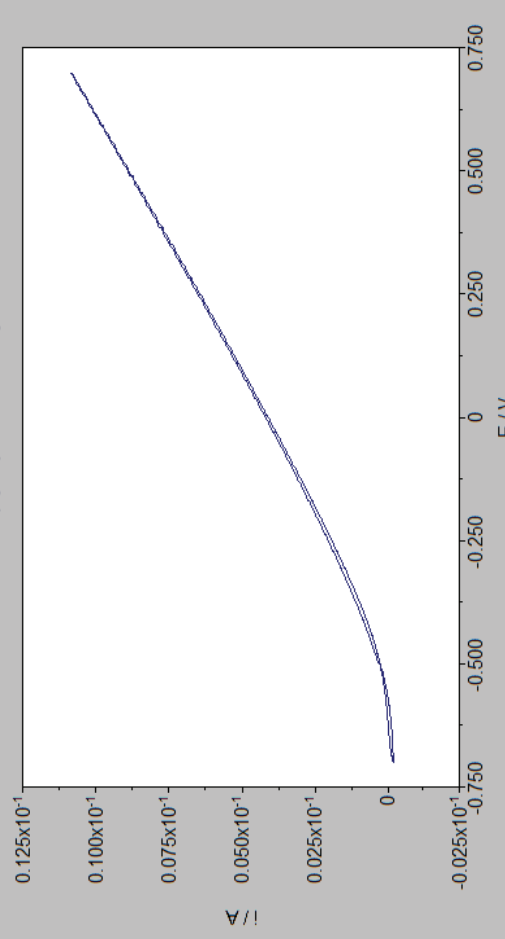


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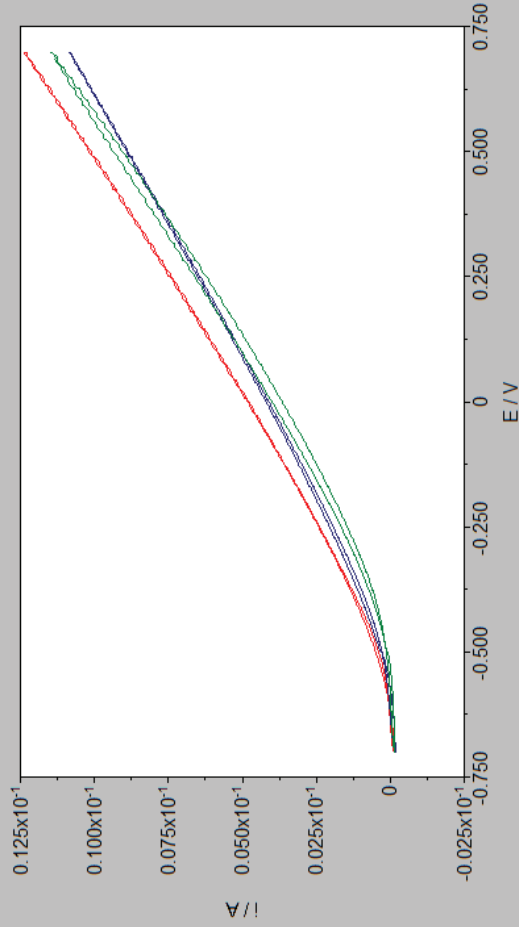
**NaCl 0.1M**



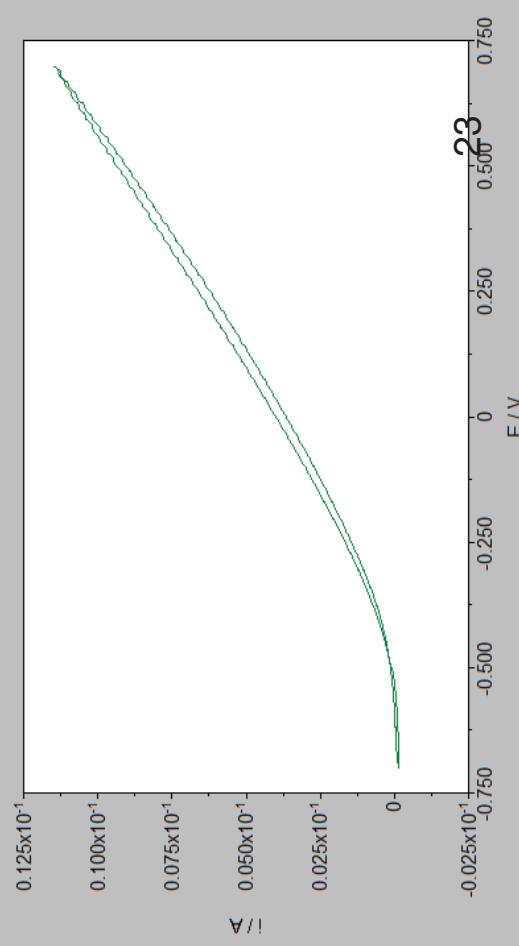
**NaCl 0.1M** lh BASF



**SUPERPOSICIÓN RESULTADOS**



**NaCl 0.1M** lh SIKA



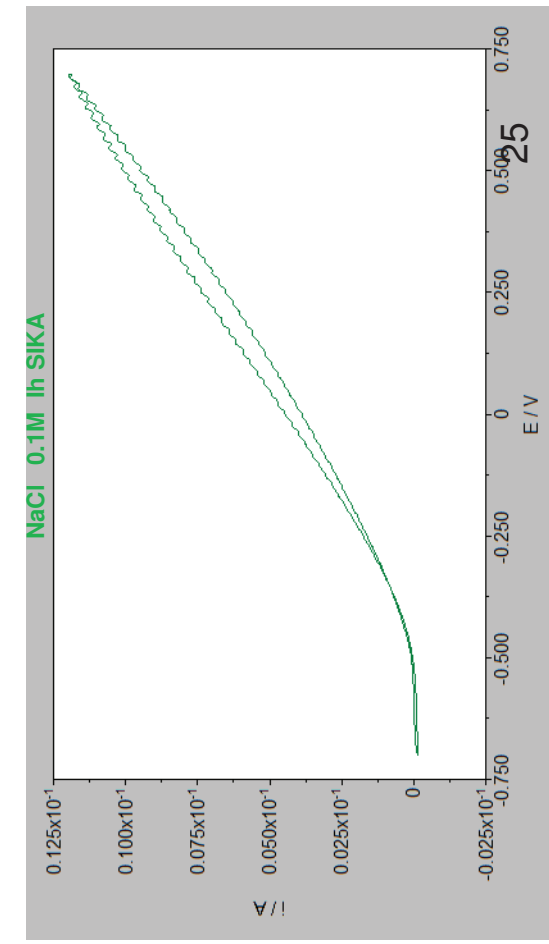
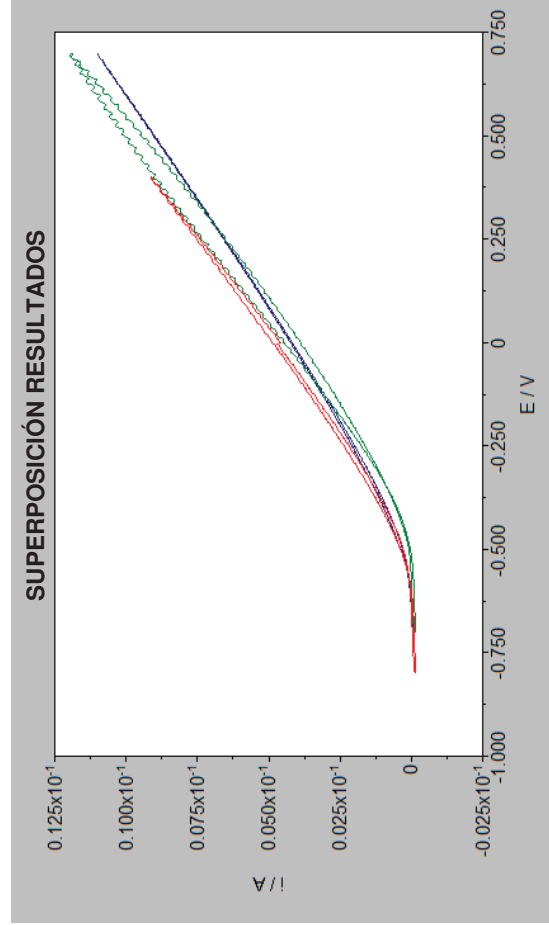
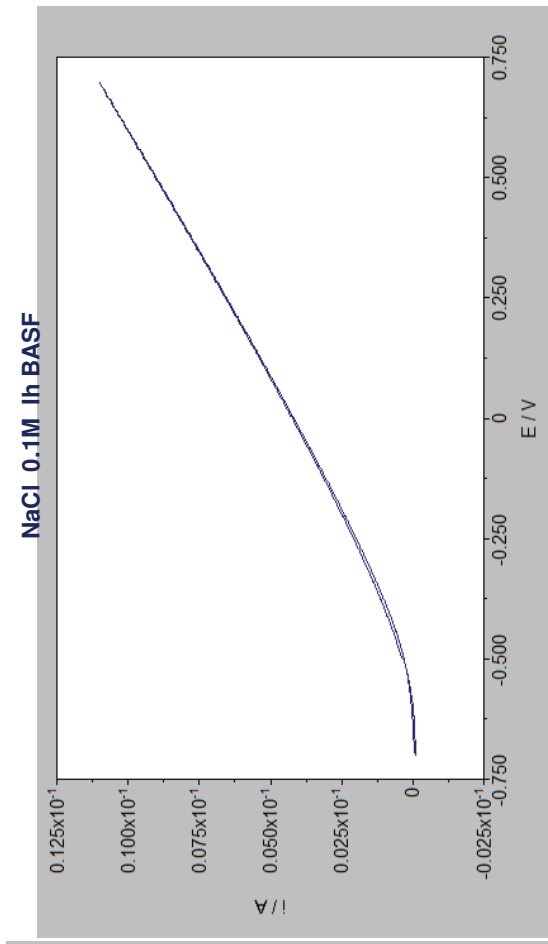
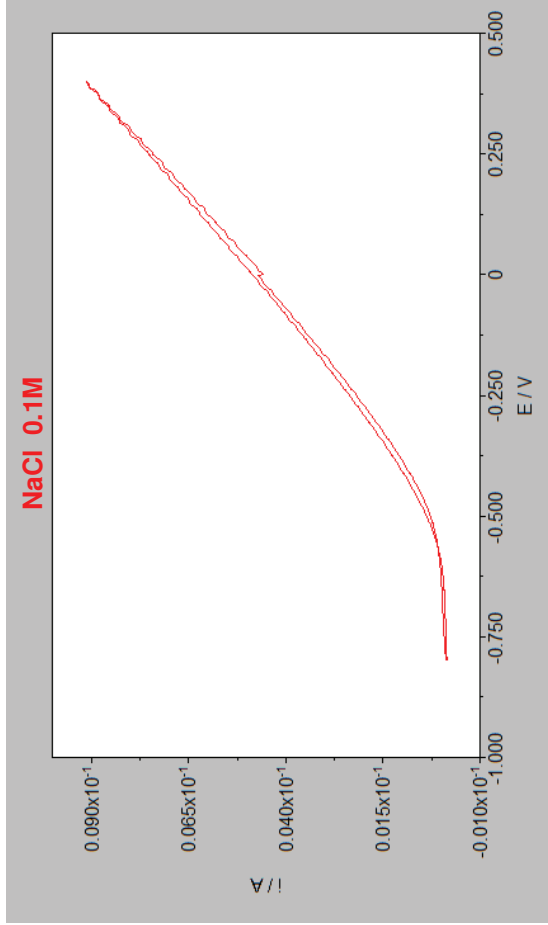


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# CLORUROS NaCl 0.1M Ph 9



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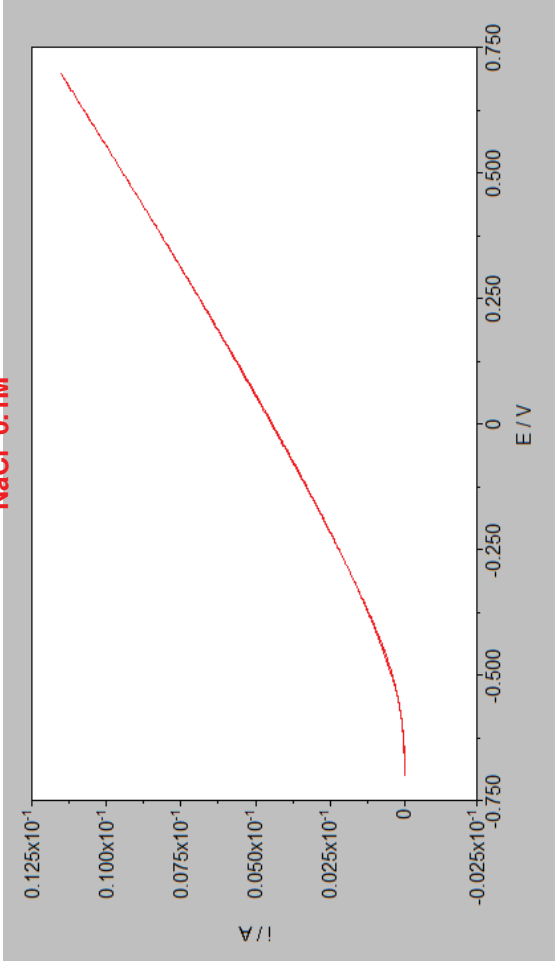
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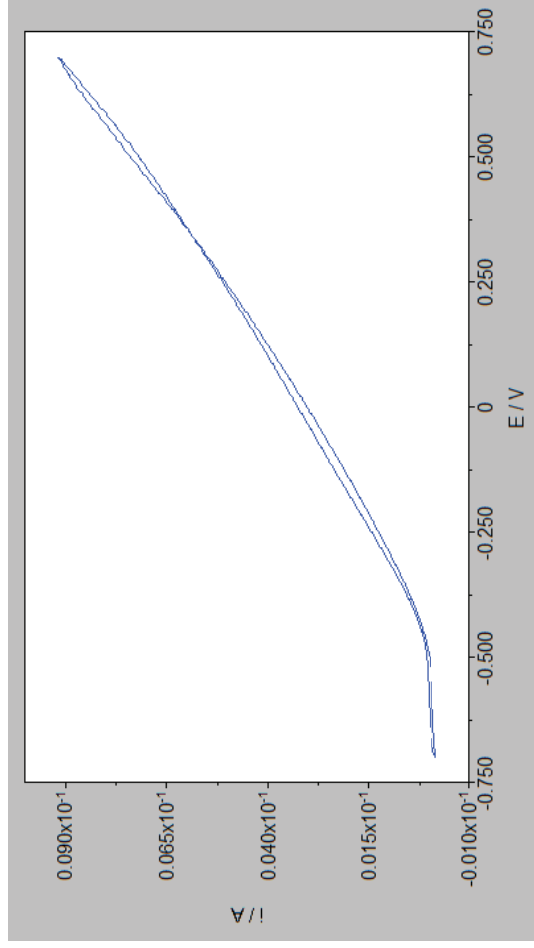
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# CLORUROS NaCl 0.1M Ph 11

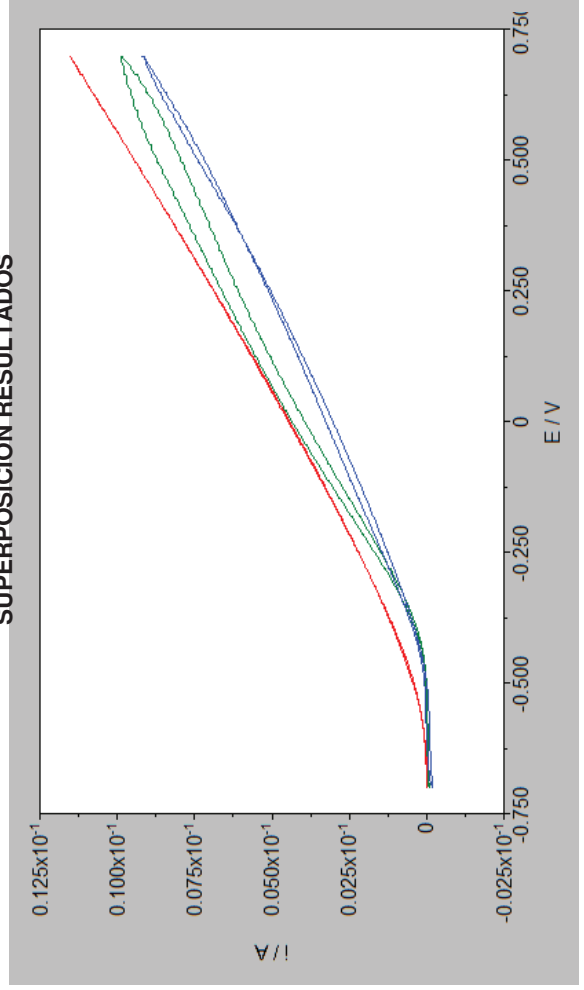
**NaCl 0.1M**



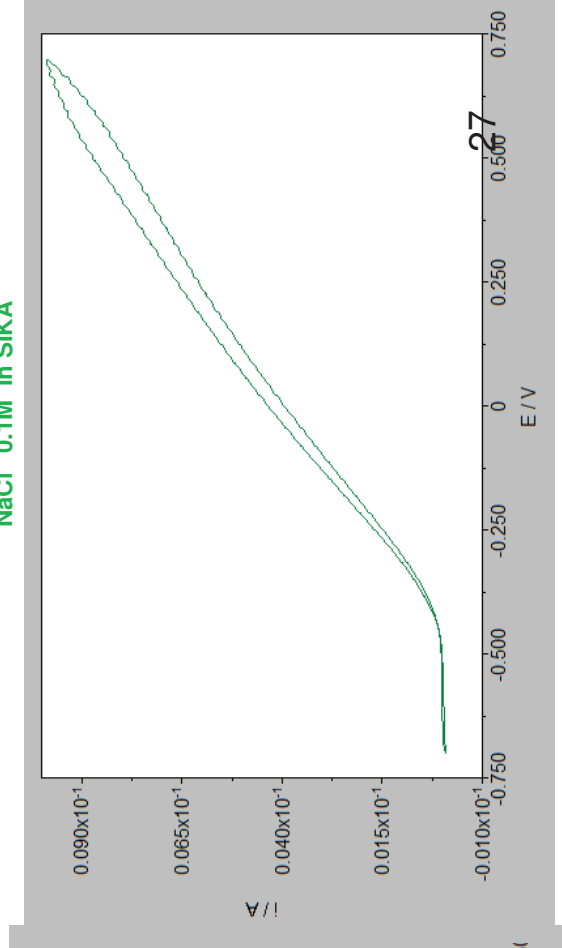
**NaCl 0.1M lh BASF**



**SUPERPOSICIÓN RESULTADOS**



**NaCl 0.1M lh SIKA**



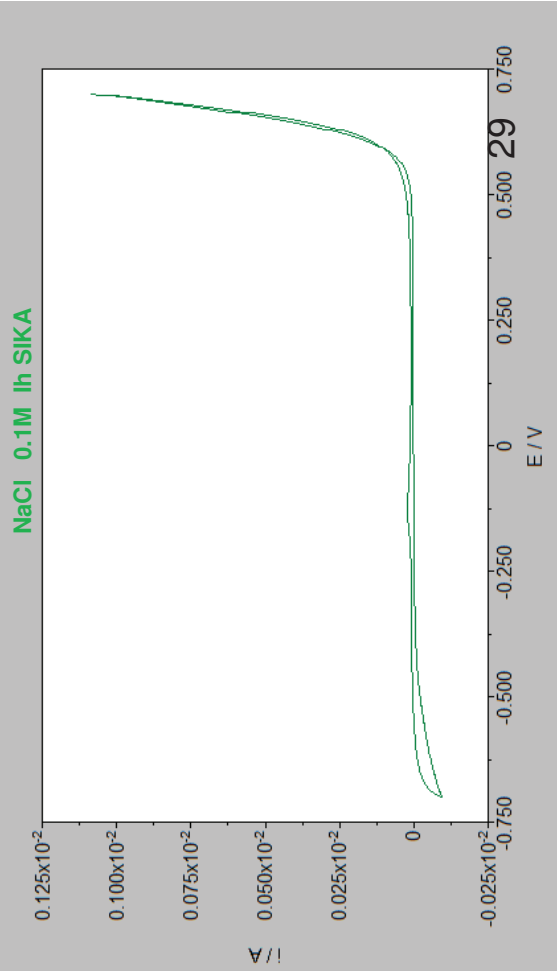
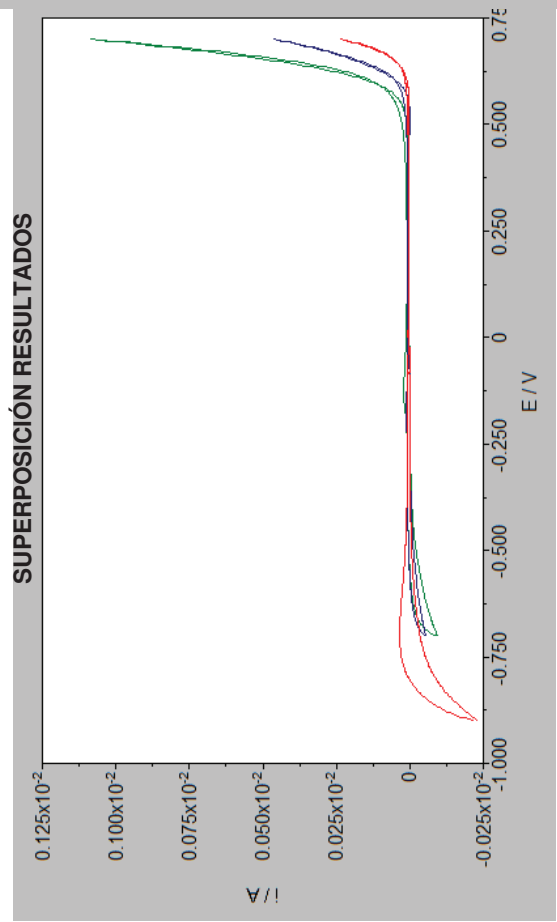
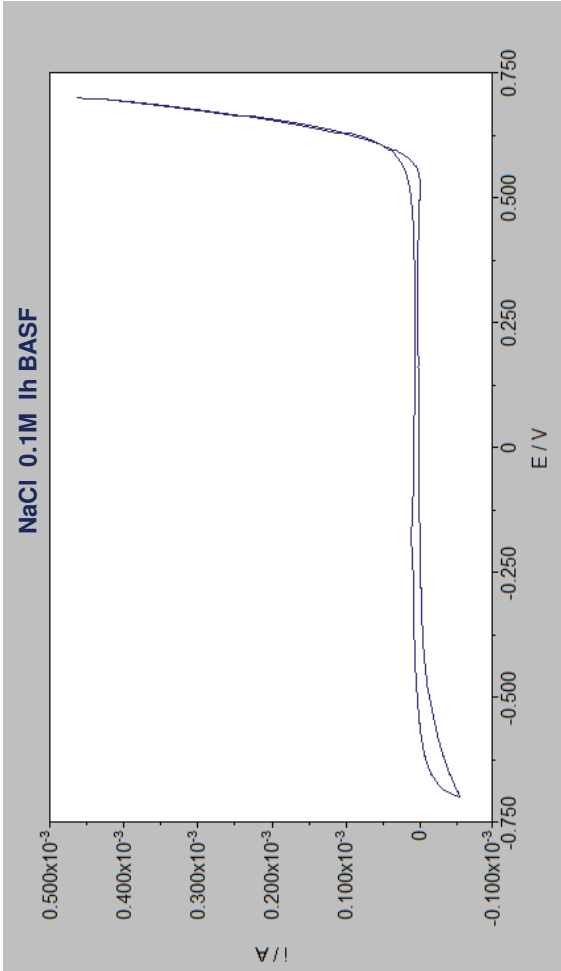
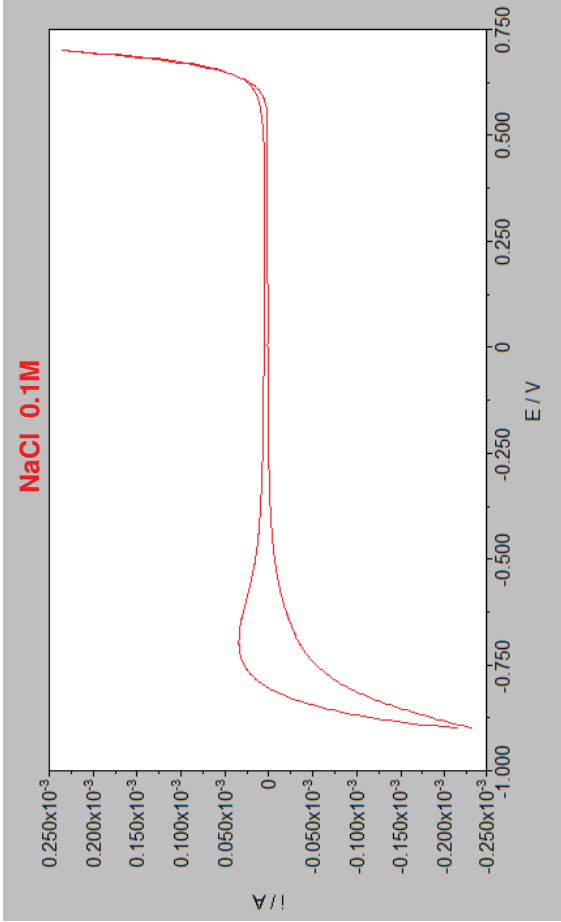


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# CLORUROS NaCl 0.1M Ph 12.5



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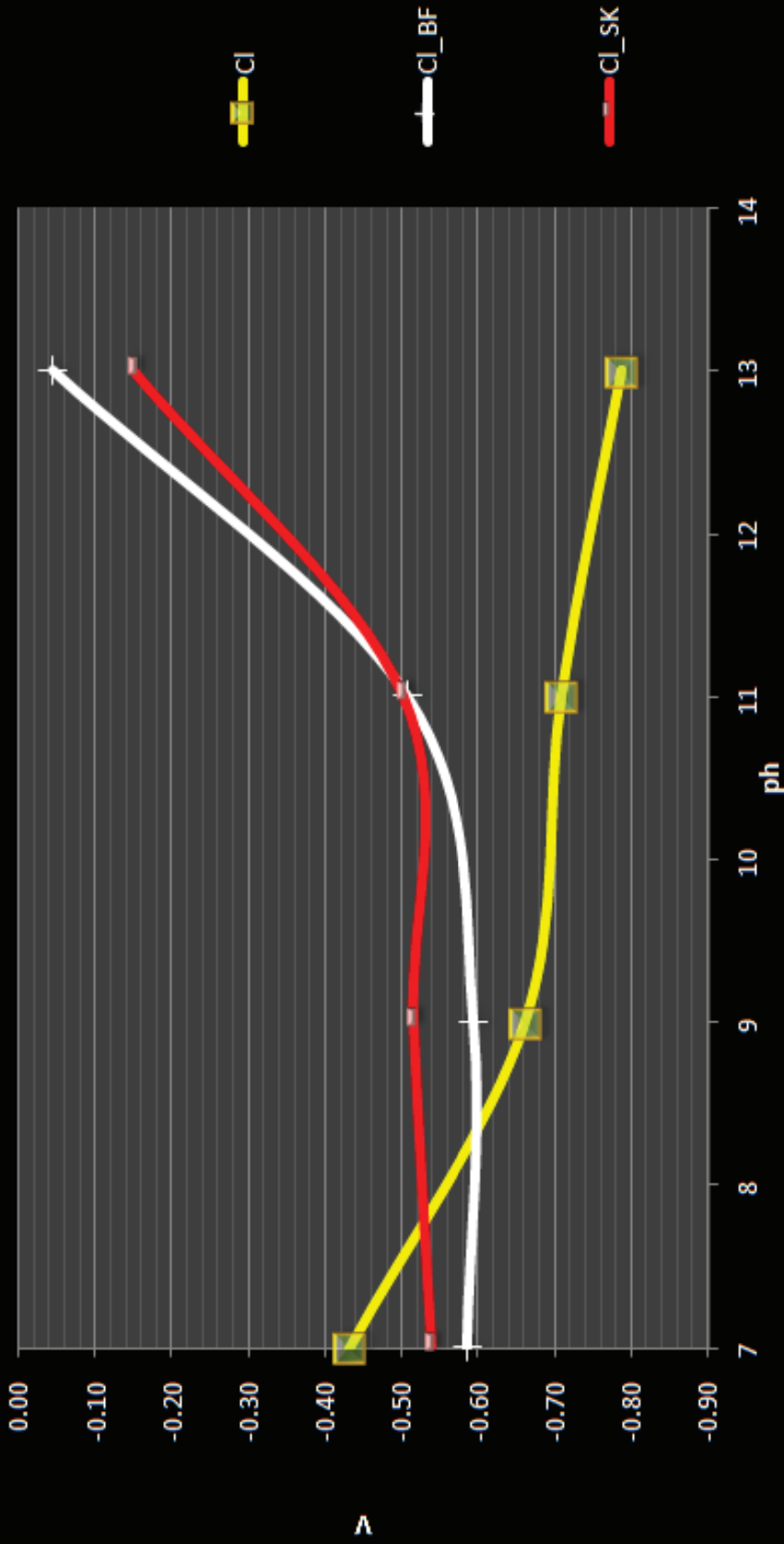






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# Ecorr



Ecorr			
ph	CI	CI_BF	CI_SK
7	-0.43	-0.58	-0.54
9	-0.66	-0.59	-0.52
11	-0.71	-0.51	-0.50
13	-0.79	-0.04	-0.15
	serie 2	serie 7	serie 8

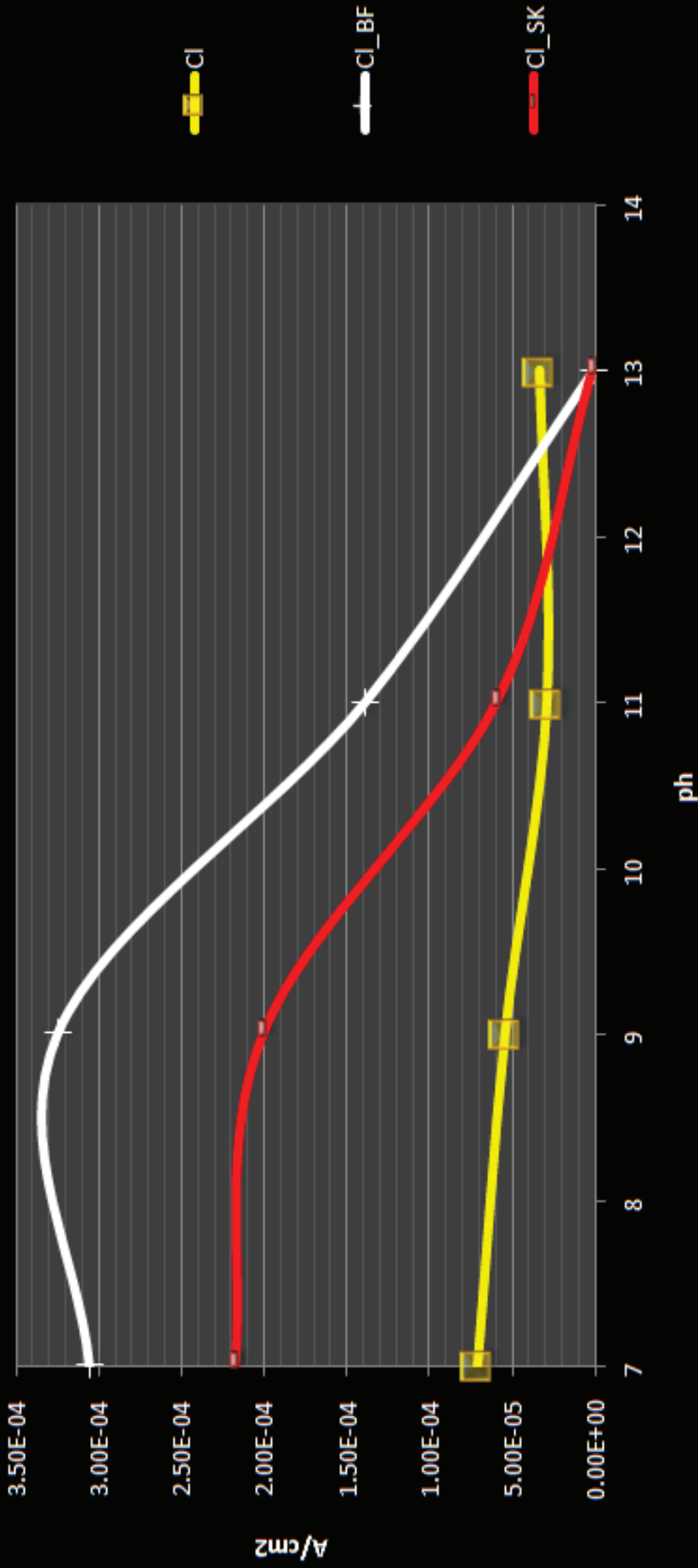


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## I<sub>corr</sub>



I <sub>corr</sub>			
ph	Cl	Cl_BF	Cl_SK
7	7.17E-05	3.06E-04	2.18E-04
9	5.49E-05	3.25E-04	2.01E-04
11	2.93E-05	1.39E-04	5.93E-05
13	3.38E-05	1.23E-06	1.62E-06
	serie 2	serie 7	serie 8

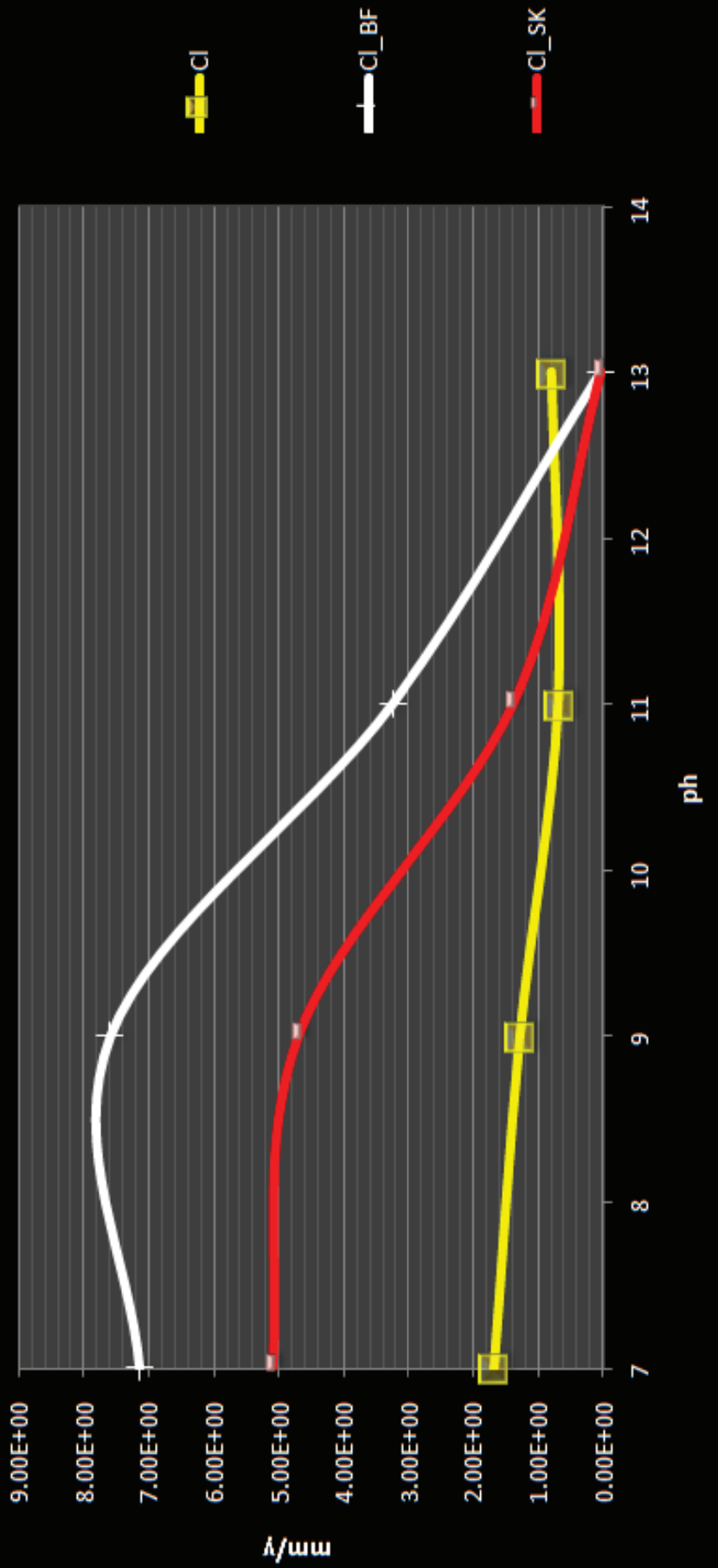


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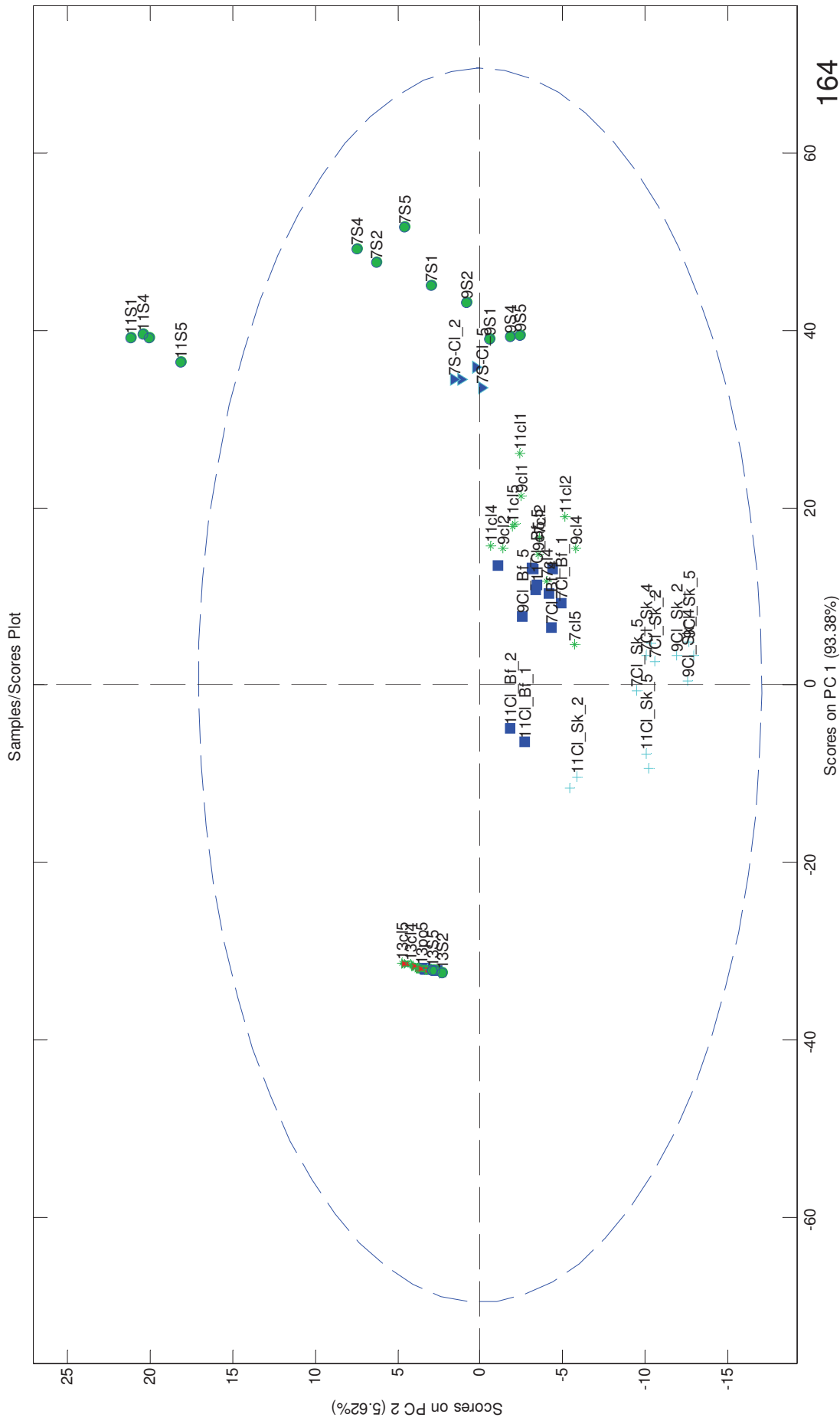
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DE VALÈNCIA

mm/y

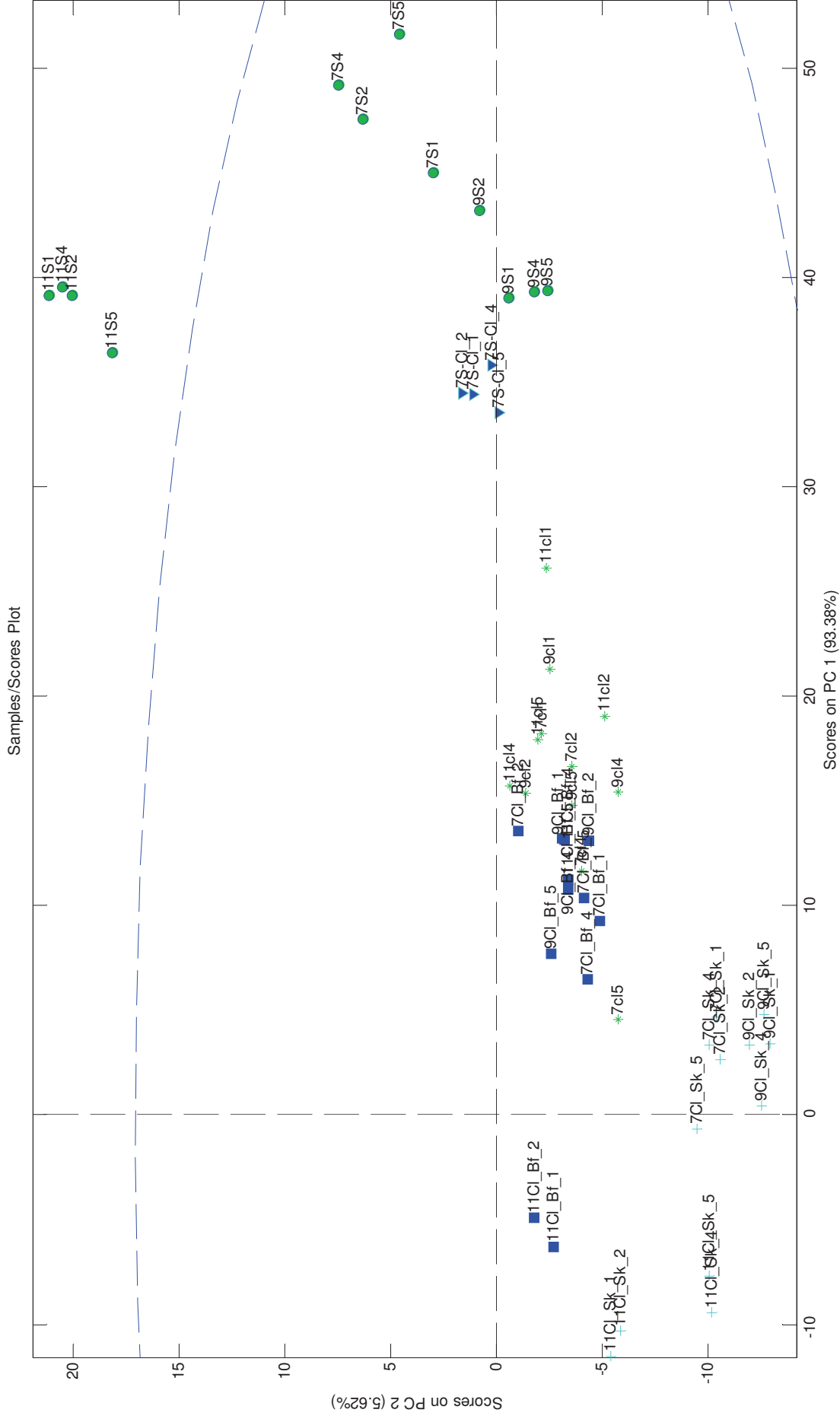


mm/y			
ph	CI	CI_BF	CI_SK
7	1.68E+00	7.16E+00	5.09E+00
9	1.28E+00	7.61E+00	4.70E+00
11	6.85E-01	3.26E+00	1.39E+00
13	7.86E-01	2.89E-02	3.79E-02
	serie 2	serie 7	serie 8

# PCA Inhibidores



# Zoom1 PCA Inhibidores



# Zoom2 PCA Inhibidores

