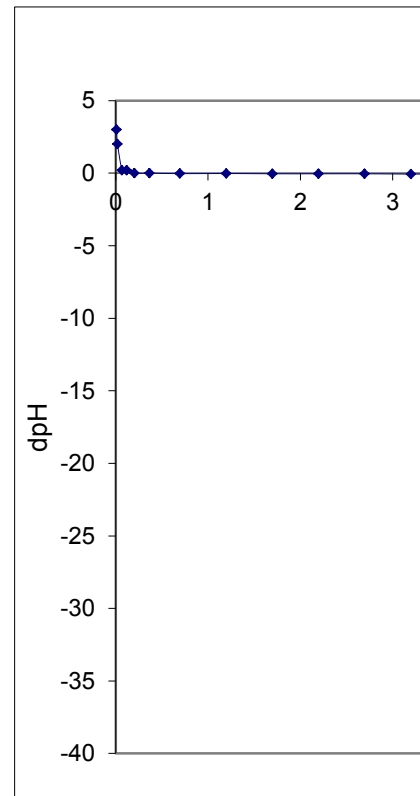
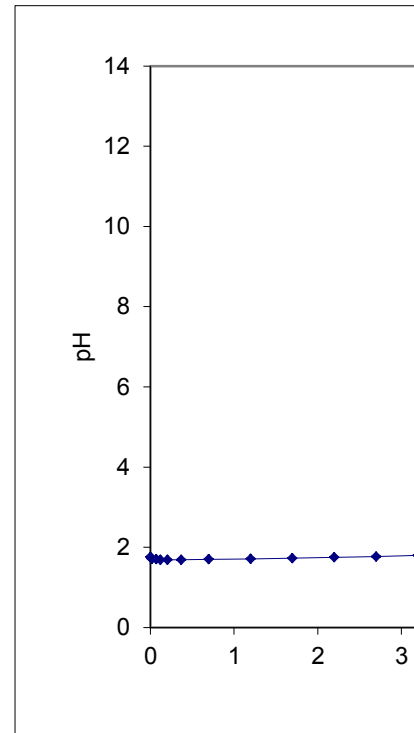


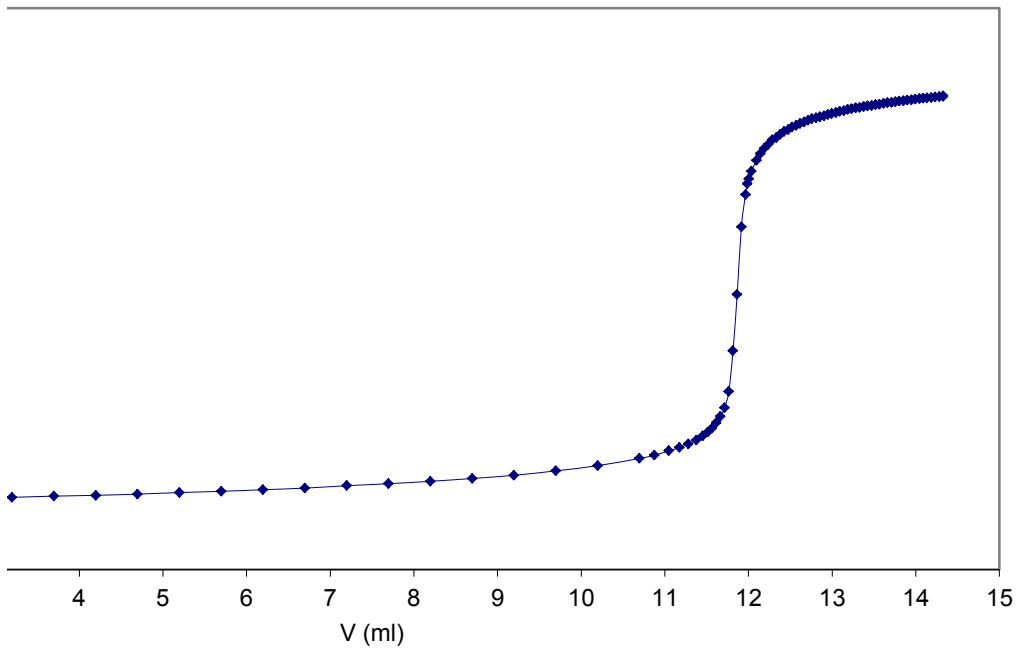
HCl 1

V	pH	dpH	d'pH
0	1.76		
0.01	1.73	3	
0.02	1.71	2	-100
0.07	1.7	0.2	-36
0.12	1.69	0.2	1.11E-15
0.2025	1.69	0	-2.42424
0.3675	1.69	0	0
0.6975	1.7	-0.0303	-0.09183
1.1975	1.71	-0.02	0.020606
1.6975	1.73	-0.04	-0.04
2.1975	1.75	-0.04	-4.2E-17
2.6975	1.77	-0.04	4.16E-17
3.1975	1.8	-0.06	-0.04
3.6975	1.83	-0.06	0
4.1975	1.85	-0.04	0.04
4.6975	1.88	-0.06	-0.04
5.1975	1.92	-0.08	-0.04
5.6975	1.95	-0.06	0.04
6.1975	1.99	-0.08	-0.04
6.6975	2.03	-0.08	8.88E-16
7.1975	2.09	-0.12	-0.08
7.6975	2.14	-0.1	0.04
8.1975	2.2	-0.12	-0.04
8.6975	2.27	-0.14	-0.04
9.1975	2.35	-0.16	-0.04
9.6975	2.46	-0.22	-0.12
10.1975	2.59	-0.26	-0.08
10.6975	2.77	-0.36	-0.2
10.8775	2.85	-0.44444	-0.46914
11.0475	2.96	-0.64706	-1.19185
11.175	3.04	-0.62745	0.153787
11.2825	3.13	-0.83721	-1.95124
11.3775	3.23	-1.05263	-2.2676
11.455	3.33	-1.29032	-3.06698
11.515	3.43	-1.66667	-6.2724
11.565	3.52	-1.8	-2.66667
11.615	3.66	-2.8	-20
11.665	3.82	-3.2	-8
11.715	4.03	-4.2	-20
11.765	4.44	-8.2	-80
11.815	5.45	-20.2	-240
11.865	6.86	-28.2	-160
11.915	8.54	-33.6	-108
11.965	9.35	-16.2	348
11.985	9.62	-13.5	135
12.005	9.74	-6	375
12.035	9.93	-6.33333	-11.1111
12.095	10.2	-4.5	30.55556
12.1425	10.37	-3.57895	19.39058
12.19	10.5	-2.73684	17.72853
12.2375	10.6	-2.10526	13.2964
12.285	10.71	-2.31579	-4.43213
12.3325	10.77	-1.26316	22.16066

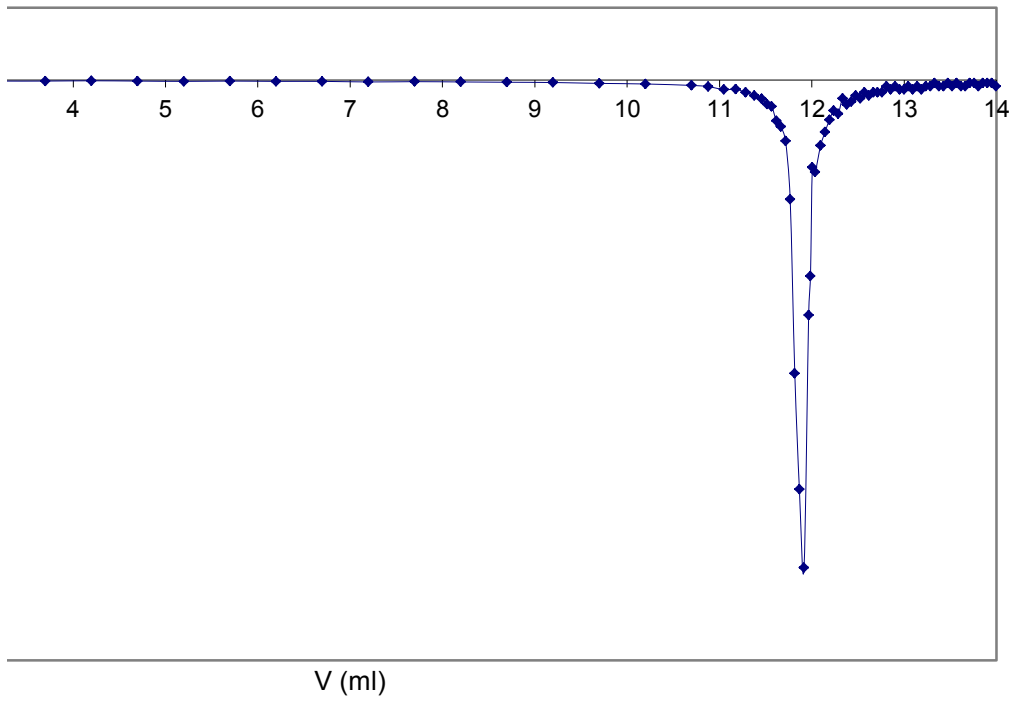


12.38	10.85	-1.68421	-8.86427
12.4275	10.92	-1.47368	4.432133
12.475	10.97	-1.05263	8.864266
12.5225	11.03	-1.26316	-4.43213
12.57	11.07	-0.84211	8.864266
12.6175	11.12	-1.05263	-4.43213
12.665	11.16	-0.84211	4.432133
12.7125	11.2	-0.84211	1.45E-12
12.76	11.24	-0.84211	-1.4E-12
12.8075	11.26	-0.42105	8.864266
12.855	11.29	-0.63158	-4.43213
12.9025	11.31	-0.42105	4.432133
12.95	11.34	-0.63158	-4.43213
12.9975	11.37	-0.63158	4.98E-13
13.045	11.39	-0.42105	4.432133
13.0925	11.42	-0.63158	-4.43213
13.14	11.44	-0.42105	4.432133
13.1875	11.47	-0.63158	-4.43213
13.235	11.49	-0.42105	4.432133
13.2825	11.51	-0.42105	3.32E-13
13.33	11.52	-0.21053	4.432133
13.3775	11.54	-0.42105	-4.43213
13.425	11.56	-0.42105	-4.6E-13
13.4725	11.57	-0.21053	4.432133
13.52	11.59	-0.42105	-4.43213
13.5675	11.6	-0.21053	4.432133
13.615	11.62	-0.42105	-4.43213
13.6625	11.64	-0.42105	-7.9E-13
13.71	11.65	-0.21053	4.432133
13.7575	11.66	-0.21053	-1.7E-13
13.805	11.68	-0.42105	-4.43213
13.8525	11.69	-0.21053	4.432133
13.9	11.7	-0.21053	1.66E-13
13.9475	11.71	-0.21053	-9.5E-13
13.995	11.73	-0.42105	-4.43213
14.0425	11.74	-0.21053	4.432133
14.09	11.75	-0.21053	-1.7E-13
14.1375	11.76	-0.21053	0
14.185	11.77	-0.21053	1.66E-13
14.2325	11.78	-0.21053	-1.7E-13
14.28	11.79	-0.21053	0
14.3275	11.8	-0.21053	-6.2E-13
14.3275	11.81		
14.3275	11.81		
14.3275	11.8		

Titracni krivka HCl 1

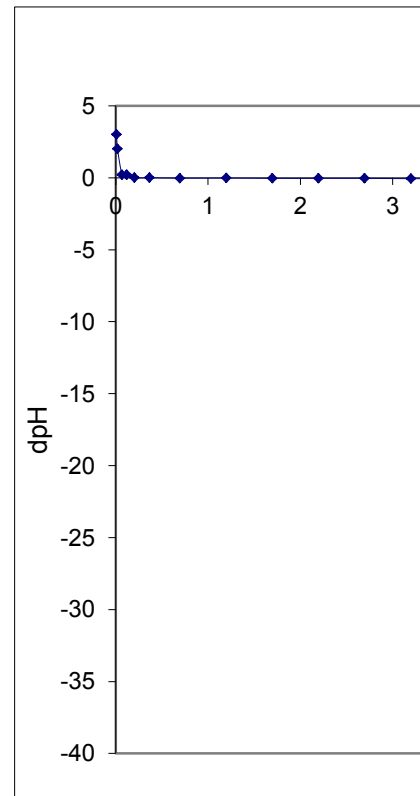
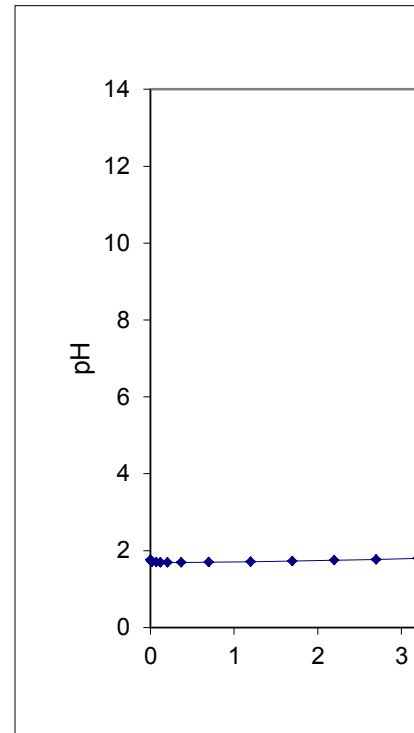


Derivacni krivka HCl 1



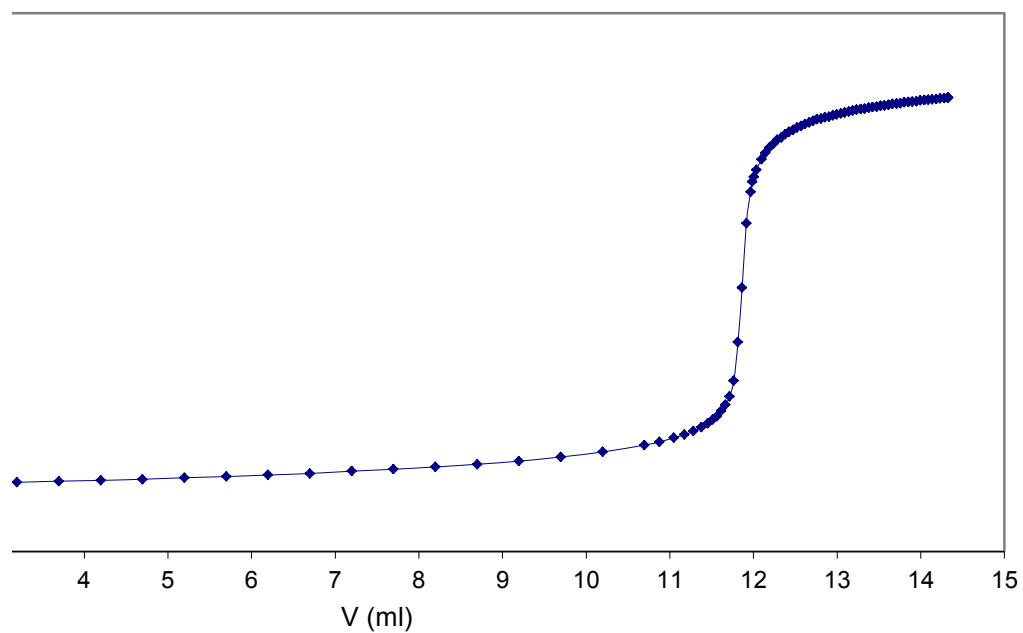
HCl 2

V	pH	dpH	d'pH
0	1.76		
0.01	1.73	3	
0.02	1.71	2	-100
0.07	1.7	0.2	-36
0.12	1.69	0.2	1.11E-15
0.2025	1.69	0	-2.42424
0.3675	1.69	0	0
0.6975	1.7	-0.0303	-0.09183
1.1975	1.71	-0.02	0.020606
1.6975	1.73	-0.04	-0.04
2.1975	1.75	-0.04	-4.2E-17
2.6975	1.77	-0.04	4.16E-17
3.1975	1.8	-0.06	-0.04
3.6975	1.83	-0.06	0
4.1975	1.85	-0.04	0.04
4.6975	1.88	-0.06	-0.04
5.1975	1.92	-0.08	-0.04
5.6975	1.95	-0.06	0.04
6.1975	1.99	-0.08	-0.04
6.6975	2.03	-0.08	8.88E-16
7.1975	2.09	-0.12	-0.08
7.6975	2.14	-0.1	0.04
8.1975	2.2	-0.12	-0.04
8.6975	2.27	-0.14	-0.04
9.1975	2.35	-0.16	-0.04
9.6975	2.46	-0.22	-0.12
10.1975	2.59	-0.26	-0.08
10.6975	2.77	-0.36	-0.2
10.8775	2.85	-0.44444	-0.46914
11.0475	2.96	-0.64706	-1.19185
11.175	3.04	-0.62745	0.153787
11.2825	3.13	-0.83721	-1.95124
11.3775	3.23	-1.05263	-2.2676
11.455	3.33	-1.29032	-3.06698
11.515	3.43	-1.66667	-6.2724
11.565	3.52	-1.8	-2.66667
11.615	3.66	-2.8	-20
11.665	3.82	-3.2	-8
11.715	4.03	-4.2	-20
11.765	4.44	-8.2	-80
11.815	5.45	-20.2	-240
11.865	6.86	-28.2	-160
11.915	8.54	-33.6	-108
11.965	9.35	-16.2	348
11.985	9.62	-13.5	135
12.005	9.74	-6	375
12.035	9.93	-6.33333	-11.1111
12.095	10.2	-4.5	30.55556
12.1425	10.37	-3.57895	19.39058
12.19	10.5	-2.73684	17.72853
12.2375	10.6	-2.10526	13.2964
12.285	10.71	-2.31579	-4.43213
12.3325	10.77	-1.26316	22.16066

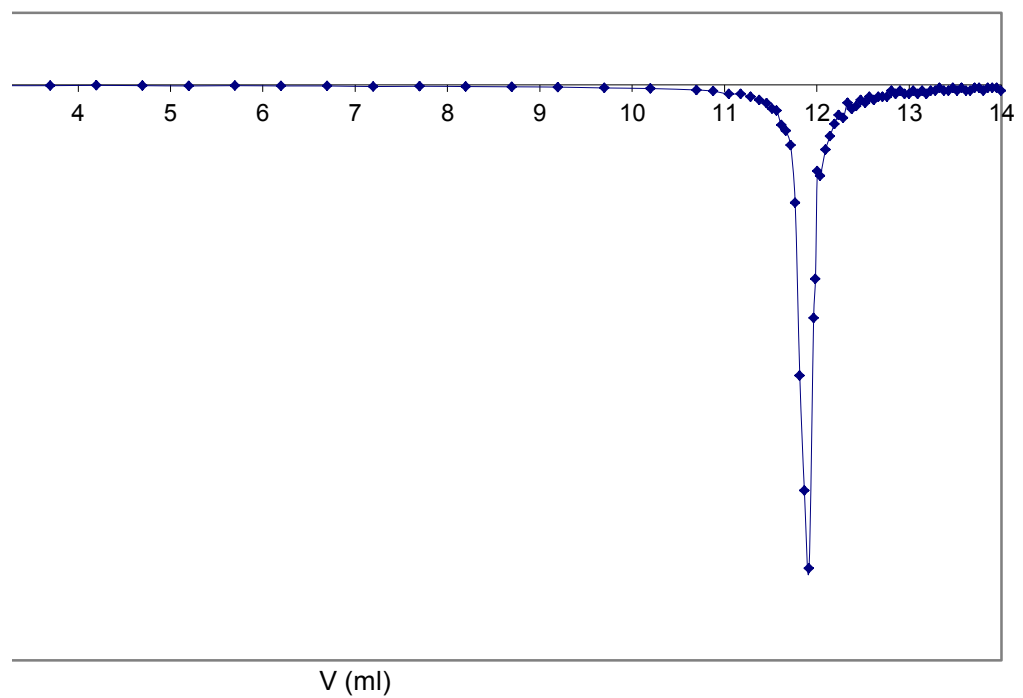


12.38	10.85	-1.68421	-8.86427
12.4275	10.92	-1.47368	4.432133
12.475	10.97	-1.05263	8.864266
12.5225	11.03	-1.26316	-4.43213
12.57	11.07	-0.84211	8.864266
12.6175	11.12	-1.05263	-4.43213
12.665	11.16	-0.84211	4.432133
12.7125	11.2	-0.84211	1.45E-12
12.76	11.24	-0.84211	-1.4E-12
12.8075	11.26	-0.42105	8.864266
12.855	11.29	-0.63158	-4.43213
12.9025	11.31	-0.42105	4.432133
12.95	11.34	-0.63158	-4.43213
12.9975	11.37	-0.63158	4.98E-13
13.045	11.39	-0.42105	4.432133
13.0925	11.42	-0.63158	-4.43213
13.14	11.44	-0.42105	4.432133
13.1875	11.47	-0.63158	-4.43213
13.235	11.49	-0.42105	4.432133
13.2825	11.51	-0.42105	3.32E-13
13.33	11.52	-0.21053	4.432133
13.3775	11.54	-0.42105	-4.43213
13.425	11.56	-0.42105	-4.6E-13
13.4725	11.57	-0.21053	4.432133
13.52	11.59	-0.42105	-4.43213
13.5675	11.6	-0.21053	4.432133
13.615	11.62	-0.42105	-4.43213
13.6625	11.64	-0.42105	-7.9E-13
13.71	11.65	-0.21053	4.432133
13.7575	11.66	-0.21053	-1.7E-13
13.805	11.68	-0.42105	-4.43213
13.8525	11.69	-0.21053	4.432133
13.9	11.7	-0.21053	1.66E-13
13.9475	11.71	-0.21053	-9.5E-13
13.995	11.73	-0.42105	-4.43213
14.0425	11.74	-0.21053	4.432133
14.09	11.75	-0.21053	-1.7E-13
14.1375	11.76	-0.21053	0
14.185	11.77	-0.21053	1.66E-13
14.2325	11.78	-0.21053	-1.7E-13
14.28	11.79	-0.21053	0
14.3275	11.8	-0.21053	-6.2E-13
14.3275	11.81		
14.3275	11.81		
14.3275	11.8		

Titracni krivka HCl 2

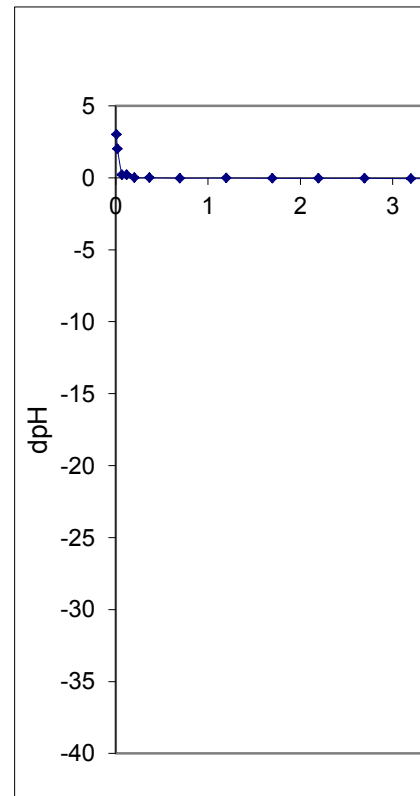
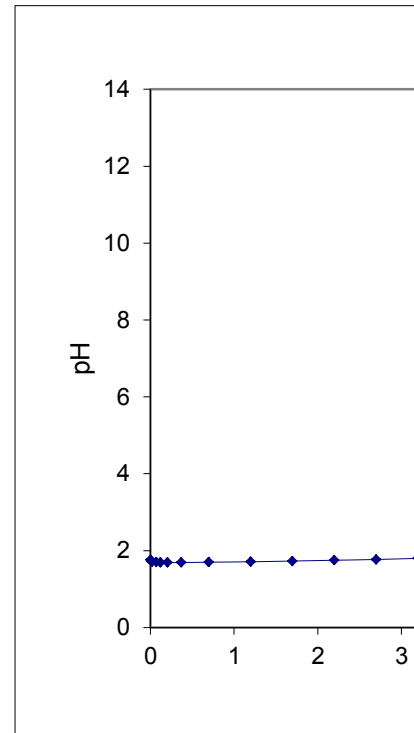


Derivacni krivka HCl 2



HCl 3

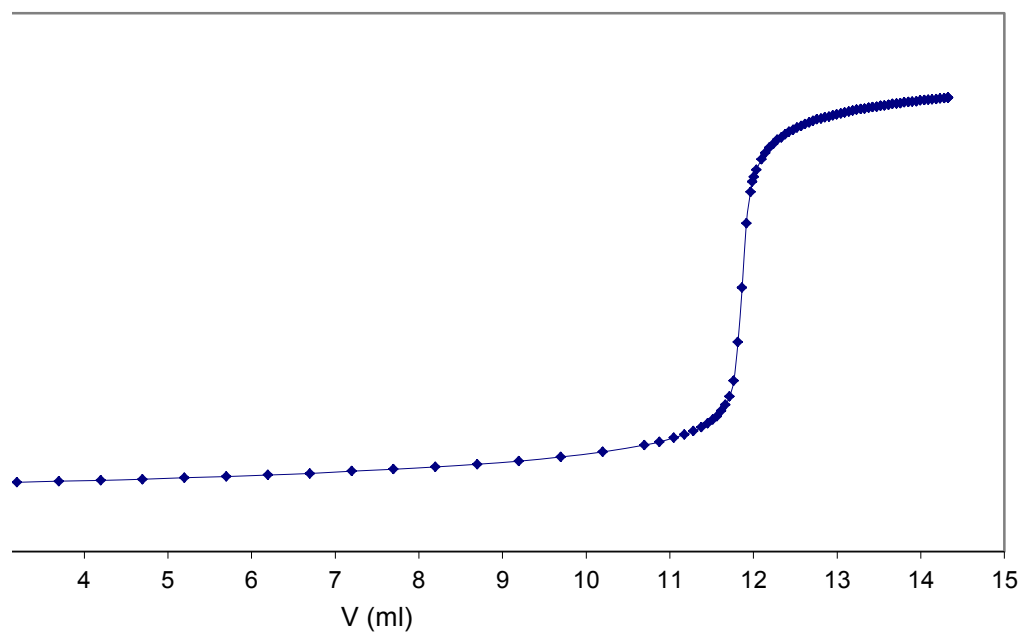
V	pH	dpH	d'pH
0	1.76		
0.01	1.73	3	
0.02	1.71	2	-100
0.07	1.7	0.2	-36
0.12	1.69	0.2	1.11E-15
0.2025	1.69	0	-2.42424
0.3675	1.69	0	0
0.6975	1.7	-0.0303	-0.09183
1.1975	1.71	-0.02	0.020606
1.6975	1.73	-0.04	-0.04
2.1975	1.75	-0.04	-4.2E-17
2.6975	1.77	-0.04	4.16E-17
3.1975	1.8	-0.06	-0.04
3.6975	1.83	-0.06	0
4.1975	1.85	-0.04	0.04
4.6975	1.88	-0.06	-0.04
5.1975	1.92	-0.08	-0.04
5.6975	1.95	-0.06	0.04
6.1975	1.99	-0.08	-0.04
6.6975	2.03	-0.08	8.88E-16
7.1975	2.09	-0.12	-0.08
7.6975	2.14	-0.1	0.04
8.1975	2.2	-0.12	-0.04
8.6975	2.27	-0.14	-0.04
9.1975	2.35	-0.16	-0.04
9.6975	2.46	-0.22	-0.12
10.1975	2.59	-0.26	-0.08
10.6975	2.77	-0.36	-0.2
10.8775	2.85	-0.44444	-0.46914
11.0475	2.96	-0.64706	-1.19185
11.175	3.04	-0.62745	0.153787
11.2825	3.13	-0.83721	-1.95124
11.3775	3.23	-1.05263	-2.2676
11.455	3.33	-1.29032	-3.06698
11.515	3.43	-1.66667	-6.2724
11.565	3.52	-1.8	-2.66667
11.615	3.66	-2.8	-20
11.665	3.82	-3.2	-8
11.715	4.03	-4.2	-20
11.765	4.44	-8.2	-80
11.815	5.45	-20.2	-240
11.865	6.86	-28.2	-160
11.915	8.54	-33.6	-108
11.965	9.35	-16.2	348
11.985	9.62	-13.5	135
12.005	9.74	-6	375
12.035	9.93	-6.33333	-11.1111
12.095	10.2	-4.5	30.55556
12.1425	10.37	-3.57895	19.39058
12.19	10.5	-2.73684	17.72853
12.2375	10.6	-2.10526	13.2964
12.285	10.71	-2.31579	-4.43213
12.3325	10.77	-1.26316	22.16066



12.38	10.85	-1.68421	-8.86427
12.4275	10.92	-1.47368	4.432133
12.475	10.97	-1.05263	8.864266
12.5225	11.03	-1.26316	-4.43213
12.57	11.07	-0.84211	8.864266
12.6175	11.12	-1.05263	-4.43213
12.665	11.16	-0.84211	4.432133
12.7125	11.2	-0.84211	1.45E-12
12.76	11.24	-0.84211	-1.4E-12
12.8075	11.26	-0.42105	8.864266
12.855	11.29	-0.63158	-4.43213
12.9025	11.31	-0.42105	4.432133
12.95	11.34	-0.63158	-4.43213
12.9975	11.37	-0.63158	4.98E-13
13.045	11.39	-0.42105	4.432133
13.0925	11.42	-0.63158	-4.43213
13.14	11.44	-0.42105	4.432133
13.1875	11.47	-0.63158	-4.43213
13.235	11.49	-0.42105	4.432133
13.2825	11.51	-0.42105	3.32E-13
13.33	11.52	-0.21053	4.432133
13.3775	11.54	-0.42105	-4.43213
13.425	11.56	-0.42105	-4.6E-13
13.4725	11.57	-0.21053	4.432133
13.52	11.59	-0.42105	-4.43213
13.5675	11.6	-0.21053	4.432133
13.615	11.62	-0.42105	-4.43213
13.6625	11.64	-0.42105	-7.9E-13
13.71	11.65	-0.21053	4.432133
13.7575	11.66	-0.21053	-1.7E-13
13.805	11.68	-0.42105	-4.43213
13.8525	11.69	-0.21053	4.432133
13.9	11.7	-0.21053	1.66E-13
13.9475	11.71	-0.21053	-9.5E-13
13.995	11.73	-0.42105	-4.43213
14.0425	11.74	-0.21053	4.432133
14.09	11.75	-0.21053	-1.7E-13
14.1375	11.76	-0.21053	0
14.185	11.77	-0.21053	1.66E-13
14.2325	11.78	-0.21053	-1.7E-13
14.28	11.79	-0.21053	0
14.3275	11.8	-0.21053	-6.2E-13
14.3275	11.81		
14.3275	11.81		
14.3275	11.8		



Titracni krivka HCl 3



Derivacni krivka HCl 3

