

## Zeta Potential Report

Amsilver 10 ppm <

fsk

### Sample

Record Number: 10  
Filename: Live zeta  
File Path: .  
Dielectric Constant: 79.7  
pH: N/A  
Viscosity (cP): 0.890  
Date (DMY): 1/04/01  
Time: 12:37:15

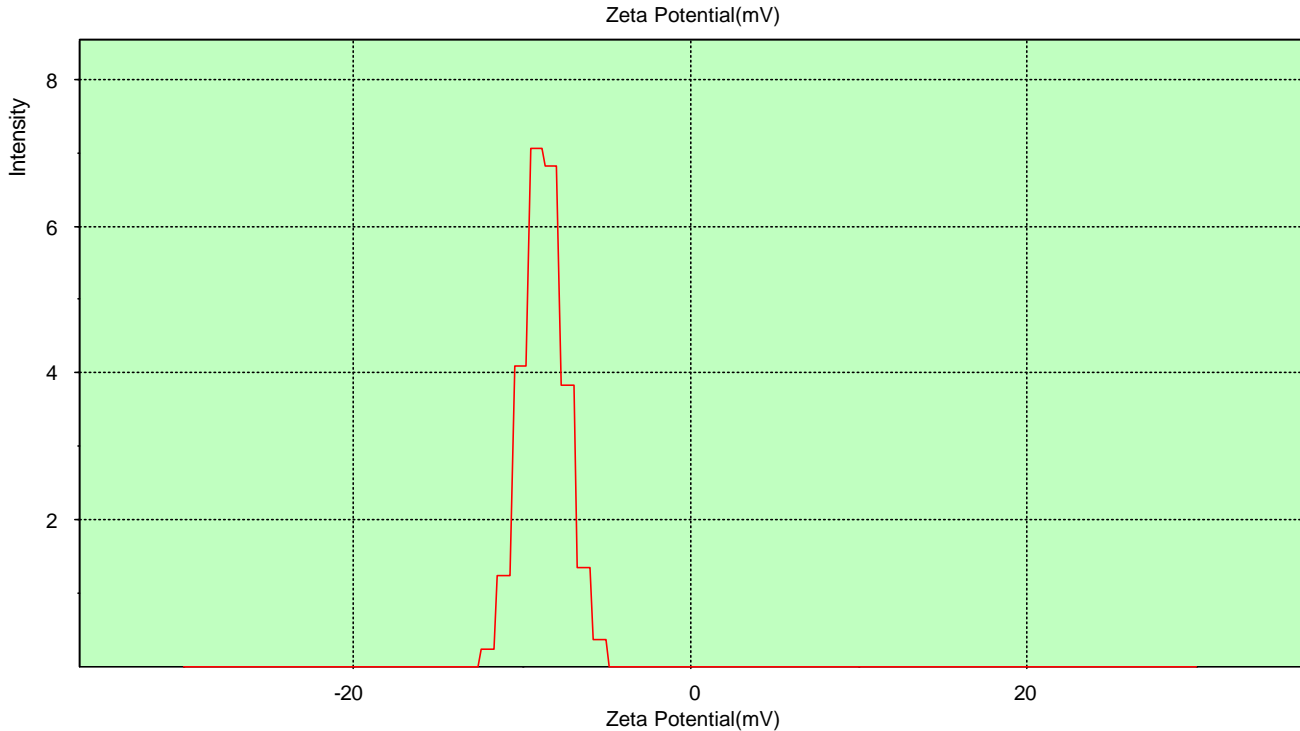
### System

Instrument Type: Zetasizer 3000HS  
Temperature (°C): 25.0  
Count rate (kCps): 2379.7  
Cell Type: Capillary cell  
Cell Position (%): 50.00  
Cell field (V/cm): 29.2  
Current (mA): 0.0

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### Result

Zeta Potential (mV):	-8.8	Mobility (umcm/V.s):	-0.696
StDev (mV):	0.3	StDev (umcm/V.s):	0.026
Conductivity (mS/cm):	0.01	F(ka):	1.50



Int.	Zeta(mV)	Mob(μmcm/Vs)	Freq.(Hz)	Int.	Zeta(mV)	Mob(μmcm/Vs)	Freq.(Hz)
0.0	-30.0	-2.377	449.1	0.0	0.5	0.038	291.5
0.0	-29.0	-2.302	444.1	0.0	1.4	0.113	286.6
0.0	-28.1	-2.226	439.2	0.0	2.4	0.189	281.7
0.0	-27.1	-2.151	434.3	0.0	3.3	0.264	276.8
0.0	-26.2	-2.075	429.4	0.0	4.3	0.340	271.8
0.0	-25.2	-2.000	424.4	0.0	5.2	0.415	266.9
0.0	-24.3	-1.925	419.5	0.0	6.2	0.491	262.0
0.0	-23.3	-1.849	414.6	0.0	7.1	0.566	257.1
0.0	-22.4	-1.774	409.7	0.0	8.1	0.642	252.2
0.0	-21.4	-1.698	404.8	0.0	9.0	0.717	247.2
0.0	-20.5	-1.623	399.8	0.0	10.0	0.792	242.3
0.0	-19.5	-1.547	394.9	0.0	11.0	0.868	237.4
0.0	-18.6	-1.472	390.0	0.0	11.9	0.943	232.5
0.0	-17.6	-1.396	385.1	0.0	12.9	1.019	227.5
0.0	-16.7	-1.321	380.1	0.0	13.8	1.094	222.6
0.0	-15.7	-1.245	375.2	0.0	14.8	1.170	217.7
0.0	-14.8	-1.170	370.3	0.0	15.7	1.245	212.8
0.0	-13.8	-1.094	365.4	0.0	16.7	1.321	207.9
0.0	-12.9	-1.019	360.5	0.0	17.6	1.396	202.9
0.9	-11.9	-0.943	355.5	0.0	18.6	1.472	198.0
4.9	-11.0	-0.868	350.6	0.0	19.5	1.547	193.1
16.4	-10.0	-0.792	345.7	0.0	20.5	1.623	188.2
28.3	-9.0	-0.717	340.8	0.0	21.4	1.698	183.2
27.3	-8.1	-0.642	335.8	0.0	22.4	1.774	178.3
15.4	-7.1	-0.566	330.9	0.0	23.3	1.849	173.4
5.4	-6.2	-0.491	326.0	0.0	24.3	1.925	168.5
1.4	-5.2	-0.415	321.1	0.0	25.2	2.000	163.6
0.0	-4.3	-0.340	316.2	0.0	26.2	2.075	158.6
0.0	-3.3	-0.264	311.2	0.0	27.1	2.151	153.7
0.0	-2.4	-0.189	306.3	0.0	28.1	2.226	148.8
0.0	-1.4	-0.113	301.4	0.0	29.0	2.302	143.9
0.0	-0.5	-0.038	296.5	0.0	30.0	2.377	138.9

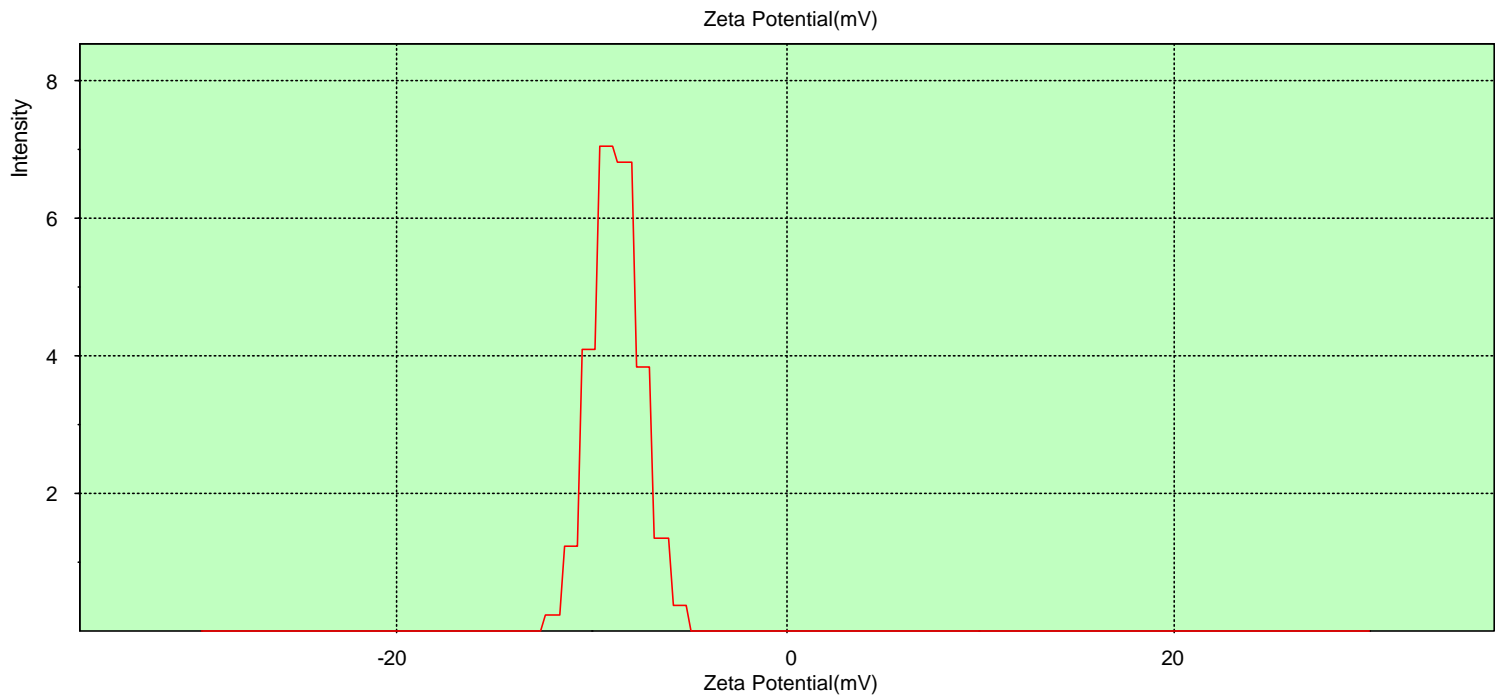
Peak Analysis by Zeta pot.			
Peak	Amp	Mean	Width
1	100.0	-8.8	0.3

Peak Analysis by Mobility			
Peak	Amp	Mean	Width
1	100.0	-0.7	0.0

Peak Analysis by Frequency			
Peak	Amp	Mean	Width
1	100.0	339.4	1.7



Mean(mV)    Width(mV)    Time    Date    Function    Temp.(°C)    Visc.(cP)    Title  
 -8.8        0.3        12:37:15    1/04/01    Zeta Pot. 25.0    0.890        Amsilver 10 ppm <