



Sample ID **Ag colloidal fond (Run 10)**

Operator ID **Gwenael**

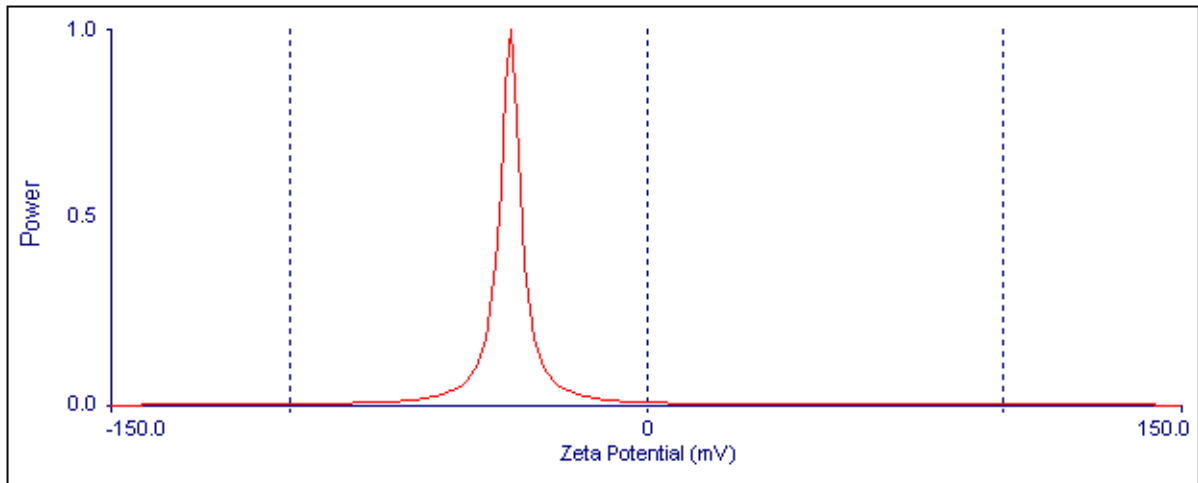
Notes

Measurement Parameters:

Avg. Zeta Potential	= -37.16 mV	Liquid	= Water
Avg. Mobility	= -2.90 ( $\mu\text{s}$ ) / (V/cm)	Temperature	= 25.0 deg. C
pH	= 7.50	Viscosity	= 0.890 cP
Conductance	= 16 $\mu\text{S}$	Refractive Index	= 1.330
Concentration	= 0.01 mg/mL	Dielectric Constant	= 78.54
		Particle Size	= 16.0 nm

Instrument Parameters:

Sample Count Rate	= 650 kcps	Current	= 0.20 mA
Ref. Count Rate	= 1499 kcps	Electric Field	= 16.96 V/cm
Sampling Time	= 256 $\mu\text{s}$	User1	= 0.00
Wavelength	= 658.0 nm	User2	= 0.00



Run	Zeta Potential (mV)	Half Width (mV)
1	-21.47	2.18
2	-43.90	2.76
3	-29.92	3.21
4	-40.88	2.24
5	-34.11	5.01
6	-57.28	2.43
7	-39.99	6.58
8	-19.17	2.40
9	-50.44	2.44
10	-38.20	3.14
Mean	-37.16	3.35
Std. Error	4.20	0.49