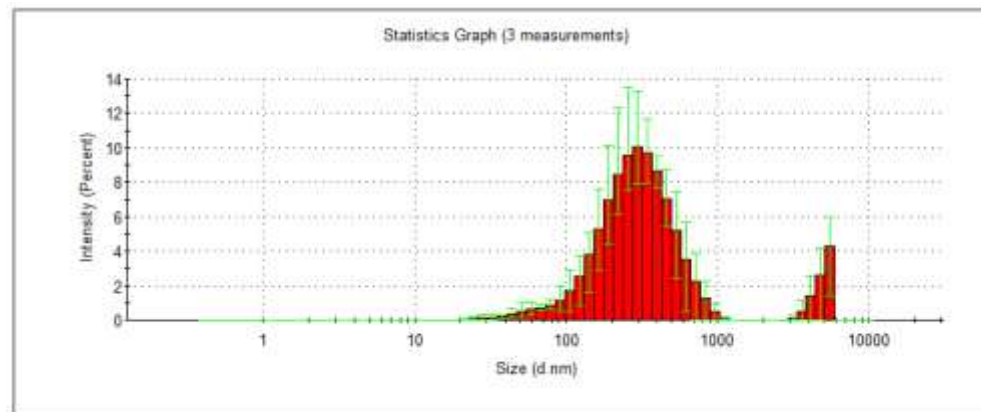


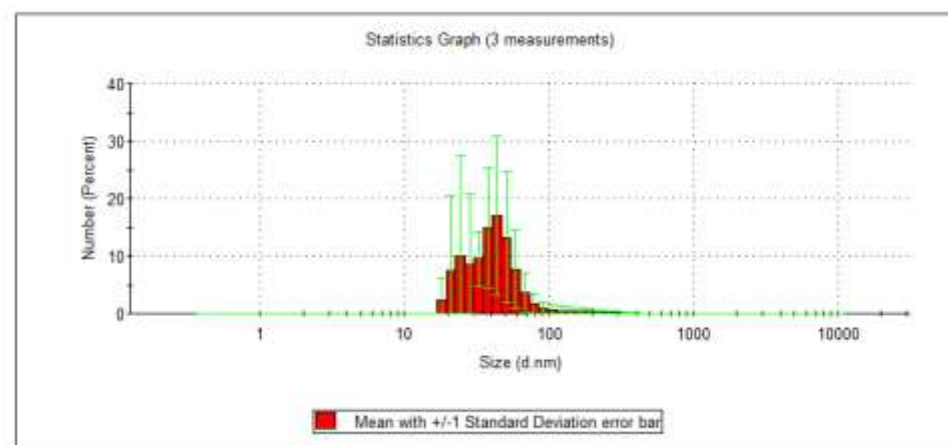
### Supplementary Material

Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent
0,4000	0,0	0,0	5,615	0,0	0,0	78,82	0,9	0,3	1106	0,1	0,1
0,4632	0,0	0,0	6,503	0,0	0,0	91,28	1,1	0,8	1281	0,0	0,0
0,5365	0,0	0,0	7,531	0,0	0,0	105,7	1,7	1,2	1484	0,0	0,0
0,6213	0,0	0,0	8,721	0,0	0,0	122,4	2,5	1,5	1718	0,0	0,0
0,7195	0,0	0,0	10,10	0,0	0,0	141,8	3,8	1,9	1990	0,0	0,0
0,8332	0,0	0,0	11,70	0,0	0,0	164,2	5,3	2,3	2305	0,0	0,0
0,9649	0,0	0,0	13,54	0,0	0,0	190,1	7,0	2,9	2669	0,0	0,0
1,117	0,0	0,0	15,69	0,0	0,0	220,2	8,5	3,4	3091	0,1	0,2
1,294	0,0	0,0	18,17	0,0	0,0	255,0	9,6	3,4	3580	0,5	0,6
1,499	0,0	0,0	21,04	0,0	0,0	295,3	10,0	2,9	4145	1,4	1,3
1,736	0,0	0,0	24,36	0,1	0,1	342,0	9,7	1,9	4801	2,6	2,3
2,010	0,0	0,0	28,21	0,1	0,2	396,1	8,6	0,9	5560	4,3	2,5
2,328	0,0	0,0	32,67	0,1	0,2	458,7	7,0	1,7	6439	0,0	0,0
2,696	0,0	0,0	37,84	0,2	0,1	531,2	5,2	2,6	7456	0,0	0,0
3,122	0,0	0,0	43,82	0,3	0,3	615,1	3,5	2,7	8635	0,0	0,0
3,615	0,0	0,0	50,75	0,5	0,4	712,4	2,2	2,0	1,000e4	0,0	0,0
4,187	0,0	0,0	58,77	0,6	0,4	825,0	1,2	1,1			
4,849	0,0	0,0	68,06	0,7	0,2	955,4	0,5	0,5			

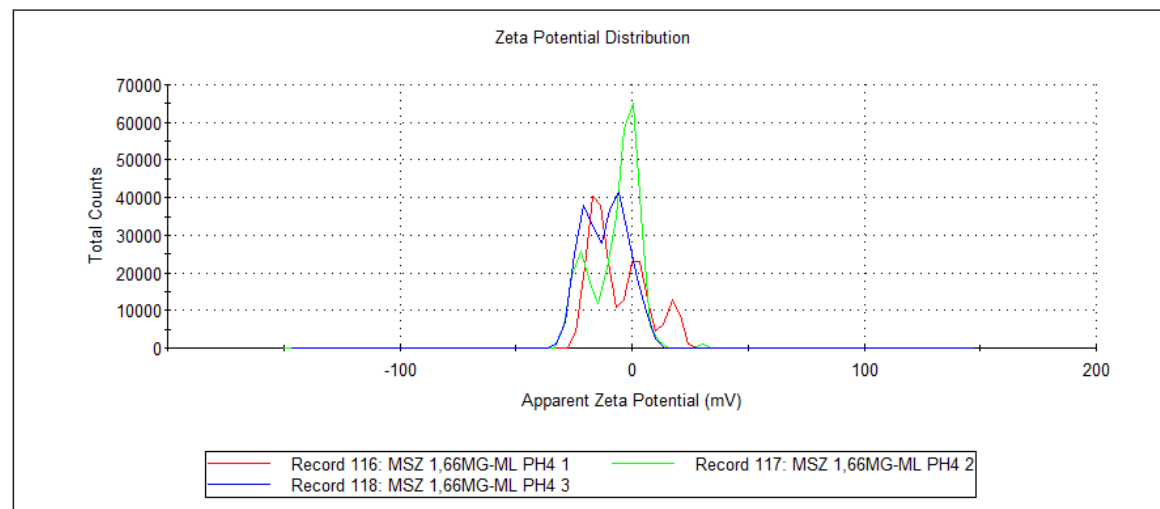


**Figure S1.** MSZ Nanosuspensions 1.66 mg/mL pH 4.0 (Intensity distribution)

Size d.nm	Mean Number Percent	Std Dev Number Percent	Size d.nm	Mean Number Percent	Std Dev Number Percent	Size d.nm	Mean Number Percent	Std Dev Number Percent	Size d.nm	Mean Number Percent	Std Dev Number Percent
0,4000	0,0	0,0	5,615	0,0	0,0	78,82	1,7	1,6	1106	0,0	0,0
0,4632	0,0	0,0	6,503	0,0	0,0	91,28	0,9	1,0	1281	0,0	0,0
0,5365	0,0	0,0	7,531	0,0	0,0	105,7	0,6	0,8	1484	0,0	0,0
0,6213	0,0	0,0	8,721	0,0	0,0	122,4	0,5	0,8	1718	0,0	0,0
0,7195	0,0	0,0	10,10	0,0	0,0	141,8	0,5	0,7	1990	0,0	0,0
0,8332	0,0	0,0	11,70	0,0	0,0	164,2	0,4	0,6	2305	0,0	0,0
0,9649	0,0	0,0	13,54	0,0	0,0	190,1	0,4	0,5	2669	0,0	0,0
1,117	0,0	0,0	15,69	0,0	0,0	220,2	0,3	0,4	3091	0,0	0,0
1,294	0,0	0,0	18,17	2,3	3,9	255,0	0,2	0,3	3580	0,0	0,0
1,499	0,0	0,0	21,04	7,5	12,9	295,3	0,1	0,2	4145	0,0	0,0
1,736	0,0	0,0	24,36	10,0	17,3	342,0	0,1	0,1	4801	0,0	0,0
2,010	0,0	0,0	28,21	8,4	12,3	396,1	0,1	0,1	5560	0,0	0,0
2,328	0,0	0,0	32,67	9,5	4,7	458,7	0,0	0,0	6439	0,0	0,0
2,696	0,0	0,0	37,84	14,8	10,4	531,2	0,0	0,0	7456	0,0	0,0
3,122	0,0	0,0	43,82	17,1	13,8	615,1	0,0	0,0	8635	0,0	0,0
3,615	0,0	0,0	50,75	13,3	11,4	712,4	0,0	0,0	1,000e4	0,0	0,0
4,187	0,0	0,0	58,77	7,7	6,9	825,0	0,0	0,0			
4,849	0,0	0,0	68,06	3,7	3,4	955,4	0,0	0,0			

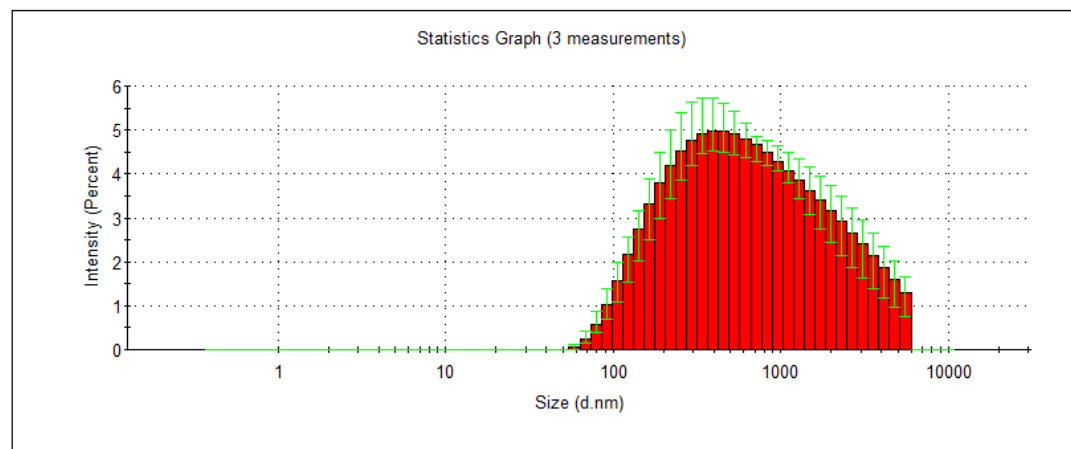


**Figure S2:** MSZ Nanosuspensions 1.66 mg/mL pH 4.0 (Number Distribution)



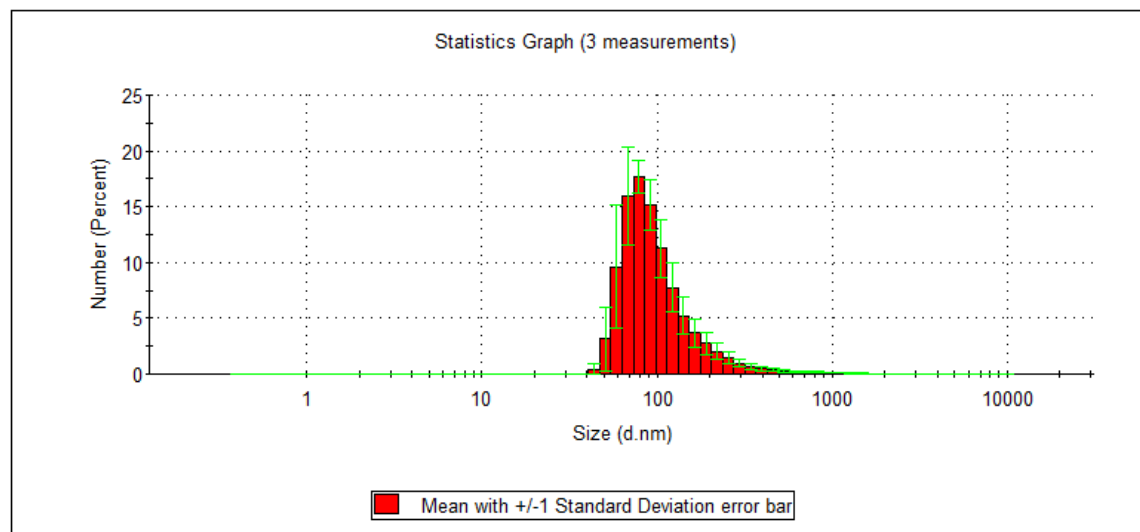
**Figure S3:** MSZ Nanosuspensions 1.66 mg/mL pH 4.0 (Zeta Potential Distribution)

Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent
0,4000	0,0	0,0	5,615	0,0	0,0	78,82	0,6	0,2	1106	4,1	0,4
0,4632	0,0	0,0	6,503	0,0	0,0	91,28	1,0	0,4	1281	3,9	0,5
0,5365	0,0	0,0	7,531	0,0	0,0	105,7	1,6	0,5	1484	3,6	0,5
0,6213	0,0	0,0	8,721	0,0	0,0	122,4	2,2	0,6	1718	3,4	0,6
0,7195	0,0	0,0	10,10	0,0	0,0	141,8	2,8	0,6	1990	3,2	0,7
0,8332	0,0	0,0	11,70	0,0	0,0	164,2	3,3	0,7	2305	2,9	0,7
0,9649	0,0	0,0	13,54	0,0	0,0	190,1	3,8	0,8	2669	2,7	0,7
1,117	0,0	0,0	15,69	0,0	0,0	220,2	4,2	0,8	3091	2,4	0,7
1,294	0,0	0,0	18,17	0,0	0,0	255,0	4,5	0,8	3580	2,1	0,7
1,499	0,0	0,0	21,04	0,0	0,0	295,3	4,8	0,8	4145	1,9	0,6
1,736	0,0	0,0	24,36	0,0	0,0	342,0	4,9	0,7	4801	1,6	0,6
2,010	0,0	0,0	28,21	0,0	0,0	396,1	5,0	0,7	5560	1,3	0,5
2,328	0,0	0,0	32,67	0,0	0,0	458,7	5,0	0,6	6439	0,0	0,0
2,696	0,0	0,0	37,84	0,0	0,0	531,2	4,9	0,5	7456	0,0	0,0
3,122	0,0	0,0	43,82	0,0	0,0	615,1	4,8	0,4	8635	0,0	0,0
3,615	0,0	0,0	50,75	0,0	0,0	712,4	4,7	0,3	1,000e4	0,0	0,0
4,187	0,0	0,0	58,77	0,1	0,1	825,0	4,5	0,3			
4,849	0,0	0,0	68,06	0,2	0,1	955,4	4,3	0,3			

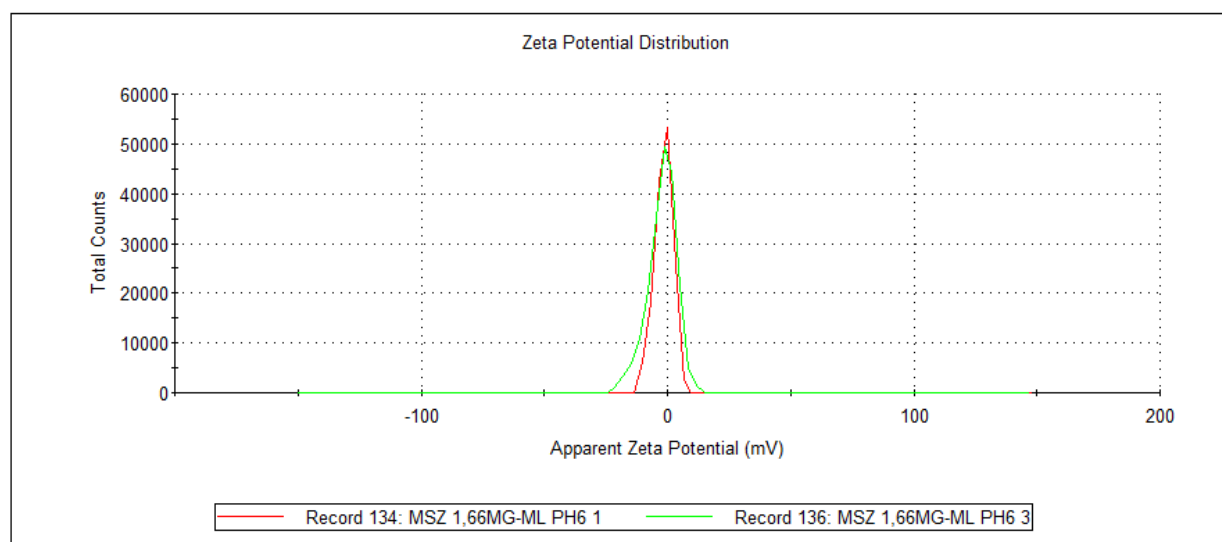


**Figure S4:** MSZ Nanosuspensions 1.66 mg/mL pH 6.0 (Intensity distribution)

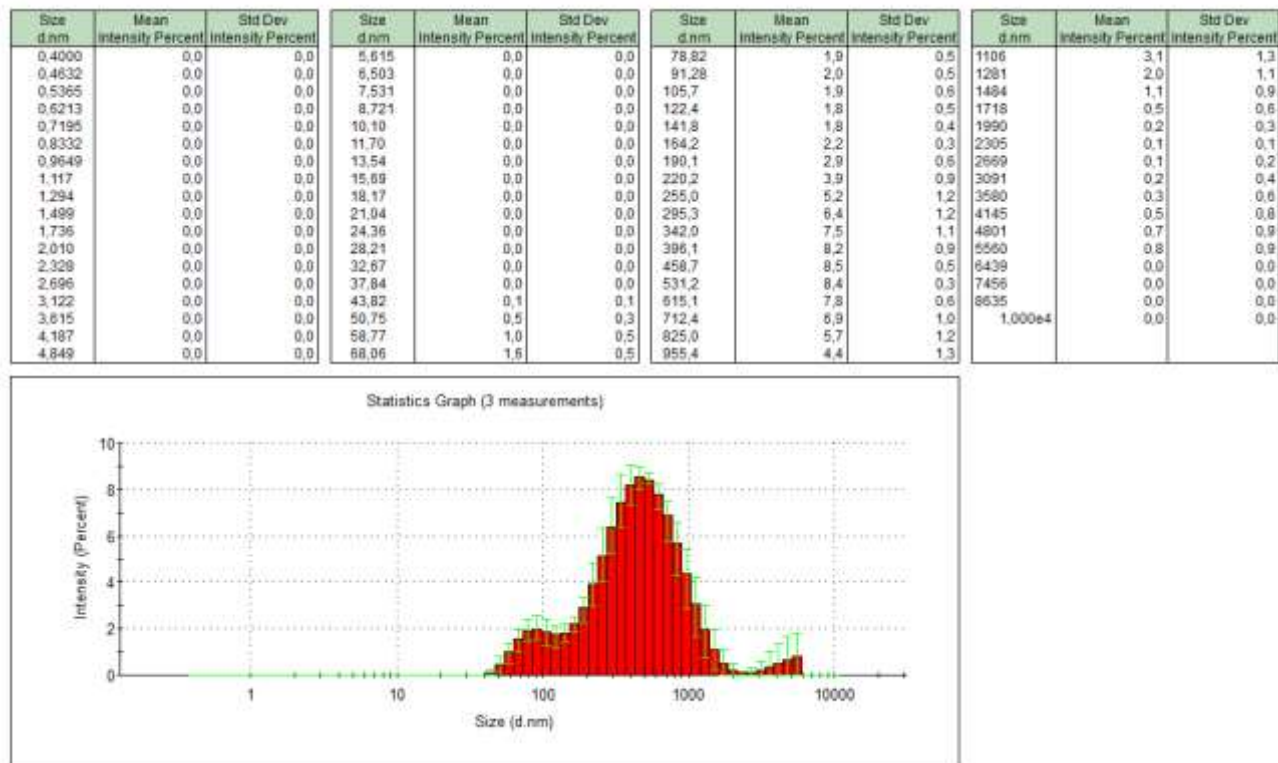
Size d.nm	Mean Number Percent	Std Dev Number Percent	Size d.nm	Mean Number Percent	Std Dev Number Percent	Size d.nm	Mean Number Percent	Std Dev Number Percent	Size d.nm	Mean Number Percent	Std Dev Number Percent
0,4000	0,0	0,0	5,615	0,0	0,0	78,82	17,7	1,5	1106	0,1	0,0
0,4632	0,0	0,0	6,503	0,0	0,0	91,28	15,2	2,3	1281	0,1	0,0
0,5365	0,0	0,0	7,531	0,0	0,0	105,7	11,3	2,6	1484	0,1	0,0
0,6213	0,0	0,0	8,721	0,0	0,0	122,4	7,8	2,2	1718	0,0	0,0
0,7195	0,0	0,0	10,10	0,0	0,0	141,8	5,2	1,7	1990	0,0	0,0
0,8332	0,0	0,0	11,70	0,0	0,0	164,2	3,7	1,3	2305	0,0	0,0
0,9649	0,0	0,0	13,54	0,0	0,0	190,1	2,8	1,0	2669	0,0	0,0
1,117	0,0	0,0	15,69	0,0	0,0	220,2	2,0	0,7	3091	0,0	0,0
1,294	0,0	0,0	18,17	0,0	0,0	255,0	1,4	0,5	3580	0,0	0,0
1,499	0,0	0,0	21,04	0,0	0,0	295,3	1,0	0,4	4145	0,0	0,0
1,736	0,0	0,0	24,36	0,0	0,0	342,0	0,7	0,3	4801	0,0	0,0
2,010	0,0	0,0	28,21	0,0	0,0	396,1	0,5	0,2	5560	0,0	0,0
2,328	0,0	0,0	32,67	0,0	0,0	458,7	0,4	0,1	6439	0,0	0,0
2,696	0,0	0,0	37,84	0,0	0,0	531,2	0,3	0,1	7456	0,0	0,0
3,122	0,0	0,0	43,82	0,4	0,6	615,1	0,2	0,1	8635	0,0	0,0
3,615	0,0	0,0	50,75	3,1	2,9	712,4	0,2	0,1	1,000e4	0,0	0,0
4,187	0,0	0,0	58,77	9,6	5,6	825,0	0,2	0,1			
4,849	0,0	0,0	68,06	16,0	4,3	955,4	0,1	0,0			



**Figure S5:** MSZ Nanosuspensions 1.66 mg/mL pH 6.0 (Number distribution)

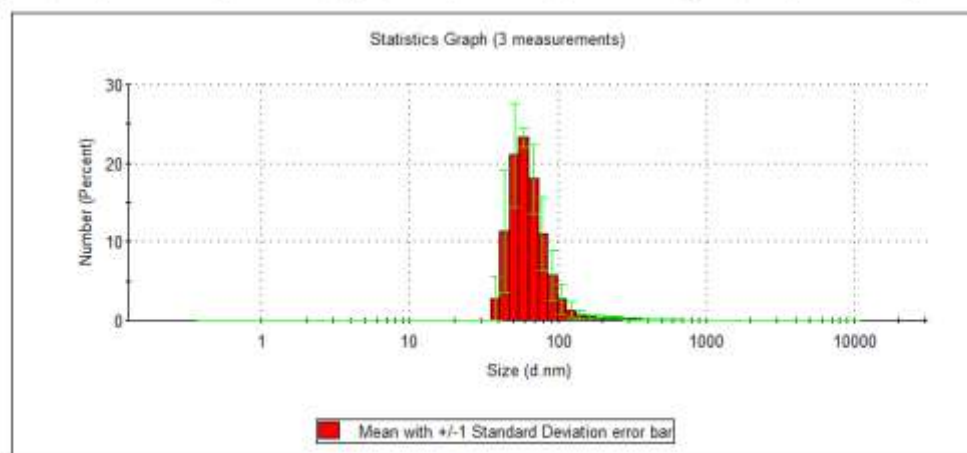


**Figure S6:** MSZ Nanosuspensions 1.66 mg/mL pH 6.0 (Zeta Potential distribution)



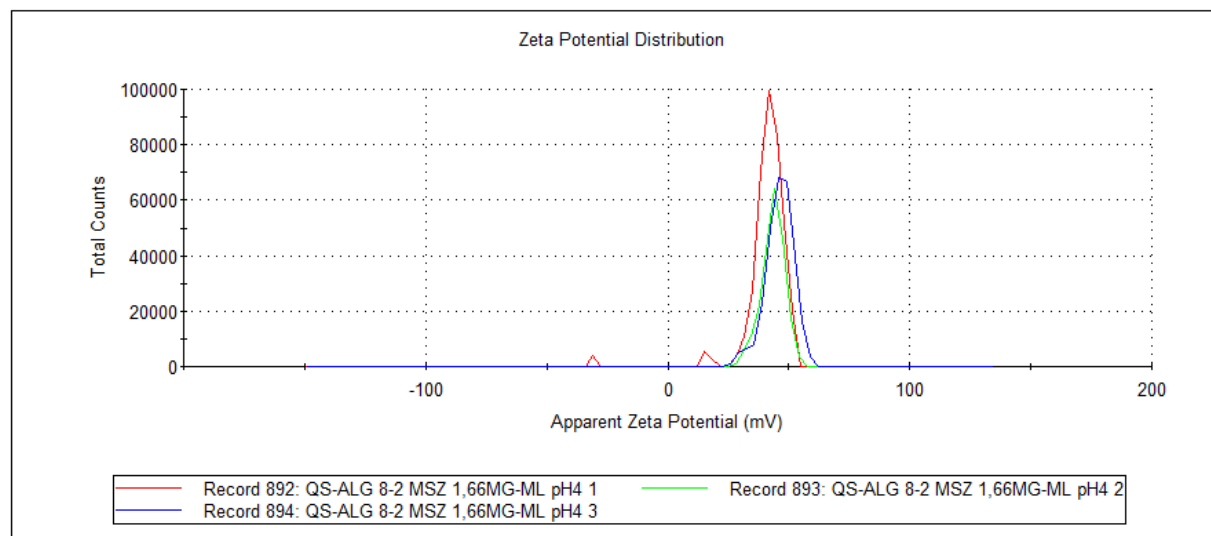
**Figure S7:** C8:A2-NS MSZ 1.66 mg/mL pH 4.0 (Intensity distribution)

Size d.nm	Mean Number Percent	Std Dev Number Percent	Size d.nm	Mean Number Percent	Std Dev Number Percent	Size d.nm	Mean Number Percent	Std Dev Number Percent	Size d.nm	Mean Number Percent	Std Dev Number Percent
0.4000	0.0	0.0	5.615	0.0	0.0	78.82	11.0	4.6	1106	0.0	0.0
0.4632	0.0	0.0	6.503	0.0	0.0	91.28	5.7	3.2	1281	0.0	0.0
0.5365	0.0	0.0	7.531	0.0	0.0	105.7	2.8	1.9	1484	0.0	0.0
0.6213	0.0	0.0	8.721	0.0	0.0	122.4	1.3	1.0	1718	0.0	0.0
0.7195	0.0	0.0	10.10	0.0	0.0	141.8	0.7	0.5	1990	0.0	0.0
0.8332	0.0	0.0	11.70	0.0	0.0	164.2	0.5	0.4	2305	0.0	0.0
0.9649	0.0	0.0	13.54	0.0	0.0	190.1	0.4	0.3	2669	0.0	0.0
1.117	0.0	0.0	15.69	0.0	0.0	220.2	0.3	0.2	3091	0.0	0.0
1.294	0.0	0.0	18.17	0.0	0.0	255.0	0.3	0.2	3580	0.0	0.0
1.499	0.0	0.0	21.04	0.0	0.0	295.3	0.2	0.1	4145	0.0	0.0
1.736	0.0	0.0	24.36	0.0	0.0	342.0	0.2	0.1	4801	0.0	0.0
2.010	0.0	0.0	28.21	0.0	0.0	396.1	0.1	0.1	5560	0.0	0.0
2.328	0.0	0.0	32.67	0.0	0.0	458.7	0.1	0.1	6439	0.0	0.0
2.696	0.0	0.0	37.84	2.7	2.9	531.2	0.1	0.1	7456	0.0	0.0
3.122	0.0	0.0	43.82	11.4	7.8	615.1	0.1	0.0	8635	0.0	0.0
3.615	0.0	0.0	50.75	21.0	6.8	712.4	0.0	0.0	1,000e4	0.0	0.0
4.187	0.0	0.0	58.77	23.2	1.2	825.0	0.0	0.0			
4.849	0.0	0.0	68.06	18.0	4.4	955.4	0.0	0.0			



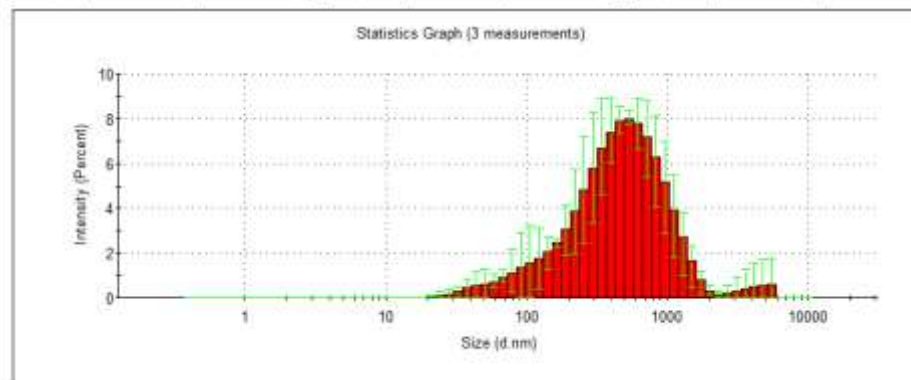
**Figure S8:** C8:A2-NS MSZ 1.66 mg/mL pH 4.0 (Number distribution)





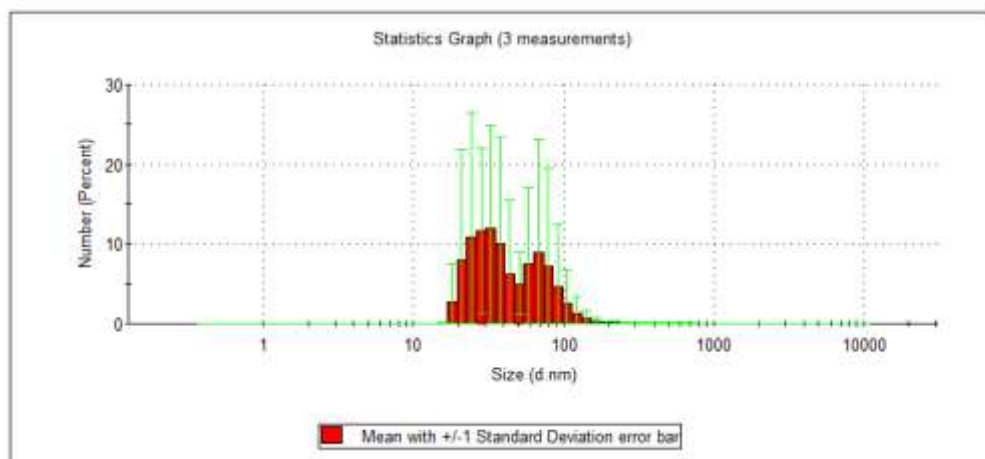
**Figure S9:** C8:A2-NS MSZ 1.66 mg/mL pH 4.0 (Zeta Potential distribution)

Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent
0.4000	0.0	0.0	5.615	0.0	0.0	78.82	1.1	1.0	1105	3.9	1.9
0.4632	0.0	0.0	6.503	0.0	0.0	91.28	1.4	1.5	1281	2.7	1.5
0.5365	0.0	0.0	7.531	0.0	0.0	105.7	1.5	1.6	1484	1.6	1.0
0.6213	0.0	0.0	8.721	0.0	0.0	122.4	1.8	1.4	1718	0.8	0.5
0.7195	0.0	0.0	10.10	0.0	0.0	141.8	2.0	0.7	1990	0.3	0.2
0.8332	0.0	0.0	11.70	0.0	0.0	164.2	2.5	0.2	2305	0.1	0.1
0.9649	0.0	0.0	13.54	0.0	0.0	190.1	3.1	1.1	2669	0.2	0.3
1.117	0.0	0.0	15.69	0.0	0.0	220.2	3.9	1.9	3091	0.3	0.5
1.294	0.0	0.0	18.17	0.0	0.0	255.0	4.8	2.4	3580	0.4	0.7
1.499	0.0	0.0	21.04	0.0	0.1	295.3	5.8	2.4	4145	0.5	0.9
1.736	0.0	0.0	24.36	0.1	0.2	342.0	6.7	2.1	4801	0.6	1.0
2.010	0.0	0.0	28.21	0.2	0.2	398.1	7.4	1.5	5560	0.6	1.0
2.328	0.0	0.0	32.67	0.3	0.3	458.7	7.9	0.6	6439	0.0	0.0
2.696	0.0	0.0	37.84	0.4	0.4	531.2	8.0	0.3	7456	0.0	0.0
3.122	0.0	0.0	43.82	0.5	0.6	615.1	7.8	1.1	8635	0.0	0.0
3.615	0.0	0.0	50.75	0.6	0.6	712.4	7.2	1.7	1.009e4	0.0	0.0
4.187	0.0	0.0	58.77	0.7	0.3	825.0	6.3	2.1			
4.849	0.0	0.0	68.06	0.9	0.3	955.4	5.2	2.1			

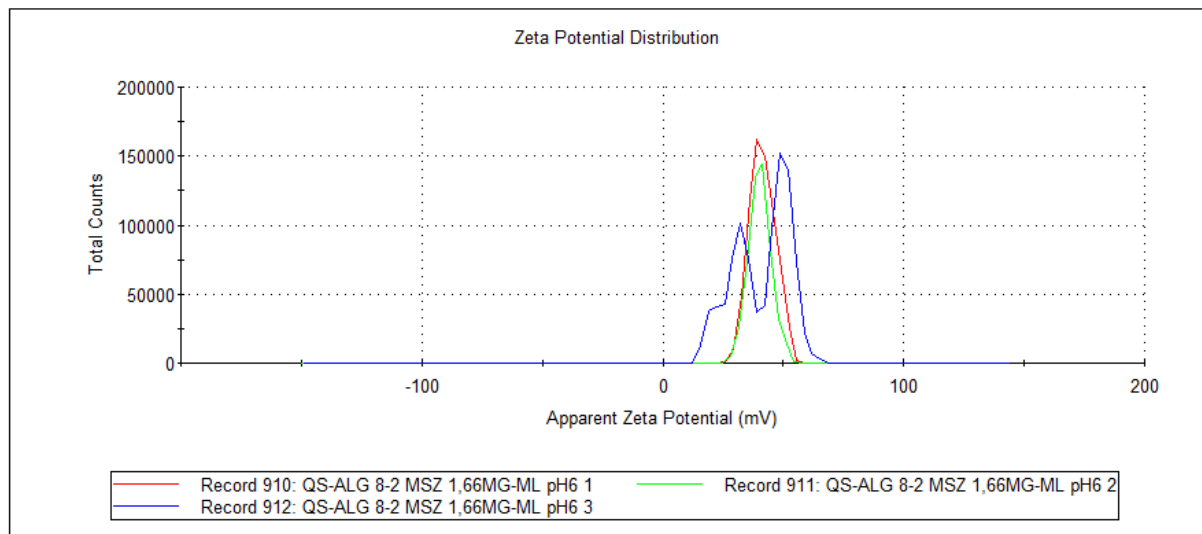


**Figure S10:** C8:A2-NS MSZ 1.66 mg/mL pH 6.0 (Intensity distribution)

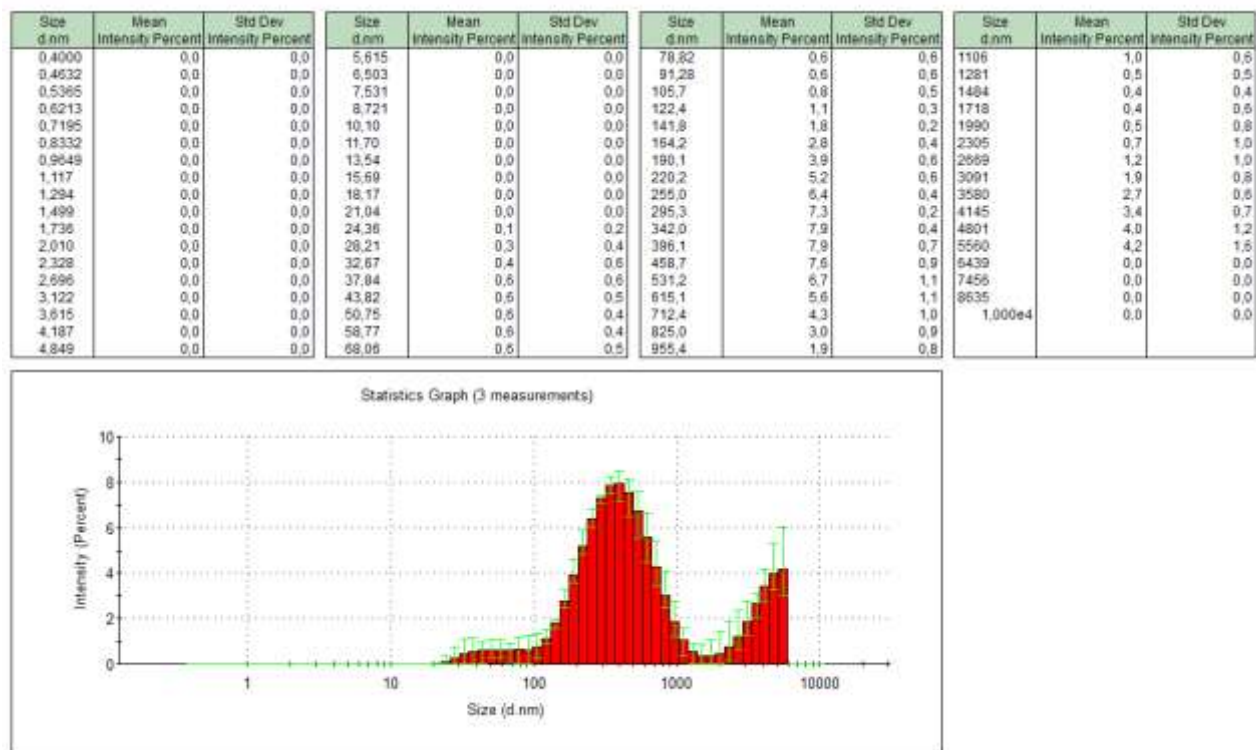
Size d.nm	Mean Number Percent	Std Dev Number Percent	Size d.nm	Mean Number Percent	Std Dev Number Percent	Size d.nm	Mean Number Percent	Std Dev Number Percent	Size d.nm	Mean Number Percent	Std Dev Number Percent
0.4000	0.0	0.0	5.615	0.0	0.0	78.82	7.2	12.2	1106	0.0	0.0
0.4632	0.0	0.0	6.503	0.0	0.0	91.28	4.6	7.9	1281	0.0	0.0
0.5365	0.0	0.0	7.531	0.0	0.0	105.7	2.5	4.3	1484	0.0	0.0
0.6213	0.0	0.0	8.721	0.0	0.0	122.4	1.2	2.1	1718	0.0	0.0
0.7195	0.0	0.0	10.10	0.0	0.0	141.8	0.6	1.0	1990	0.0	0.0
0.8332	0.0	0.0	11.70	0.0	0.0	164.2	0.3	0.4	2305	0.0	0.0
0.9649	0.0	0.0	13.54	0.0	0.0	190.1	0.2	0.2	2689	0.0	0.0
1.117	0.0	0.0	15.69	0.0	0.1	220.2	0.1	0.1	3091	0.0	0.0
1.294	0.0	0.0	18.17	2.7	4.7	255.0	0.1	0.1	3580	0.0	0.0
1.499	0.0	0.0	21.04	8.0	13.9	295.3	0.1	0.1	4145	0.0	0.0
1.736	0.0	0.0	24.36	10.8	15.7	342.0	0.1	0.1	4801	0.0	0.0
2.010	0.0	0.0	28.21	11.6	10.4	396.1	0.1	0.1	5560	0.0	0.0
2.328	0.0	0.0	32.67	12.0	12.9	458.7	0.1	0.1	6439	0.0	0.0
2.695	0.0	0.0	37.84	10.0	13.5	531.2	0.0	0.1	7456	0.0	0.0
3.122	0.0	0.0	43.82	6.3	9.3	615.1	0.0	0.1	8635	0.0	0.0
3.615	0.0	0.0	50.75	5.0	3.9	712.4	0.0	0.1	1.000e4	0.0	0.0
4.187	0.0	0.0	58.77	7.4	9.6	825.0	0.0	0.0			
4.849	0.0	0.0	68.06	8.9	14.3	955.4	0.0	0.0			



**Figure S11:** C8:A2-NS MSZ 1.66 mg/mL pH 6.0 (Number distribution)

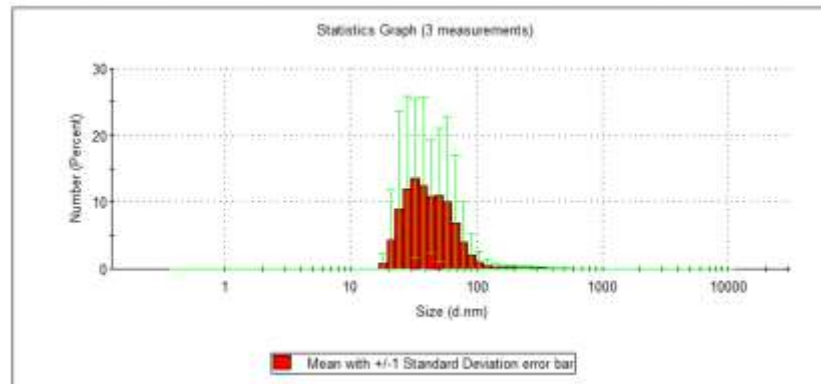


**Figure S12:** C8:A2-NS MSZ 1.66 mg/mL pH 6.0 (Zeta Potential distribution)

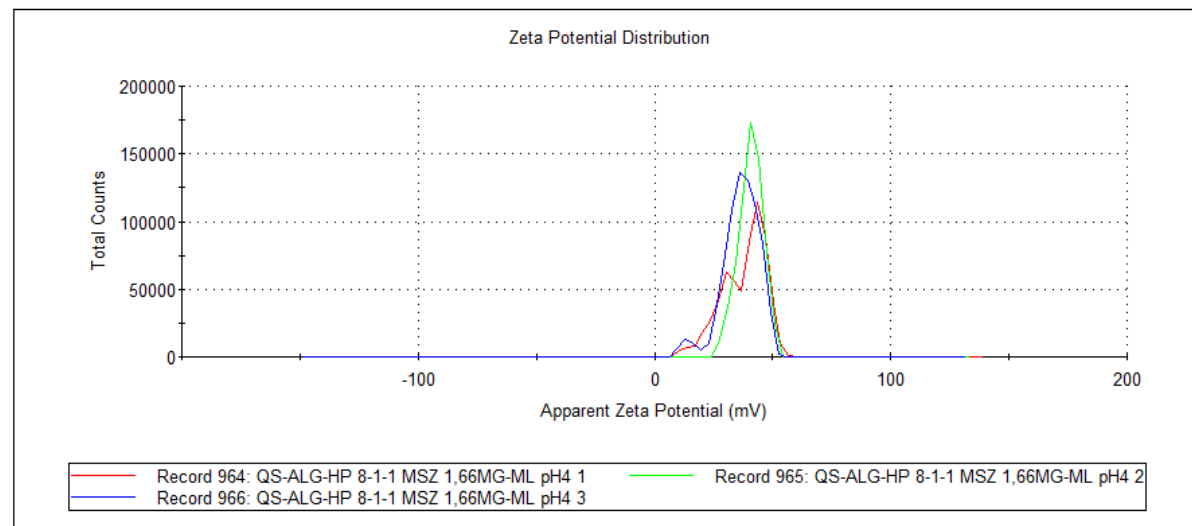


**Figure S13:** C8:A1:H1-NS MSZ 1.66 mg/mL pH 4.0 (Intensity distribution)

Size d.nm	Mean Number Percent	Std Dev Number Percent	Size d.nm	Mean Number Percent	Std Dev Number Percent	Size d.nm	Mean Number Percent	Std Dev Number Percent	Size d.nm	Mean Number Percent	Std Dev Number Percent
0.4000	0.0	0.0	5.615	0.0	0.0	78.82	3.9	6.1	1106	0.0	0.0
0.4632	0.0	0.0	6.503	0.0	0.0	91.28	2.0	3.2	1281	0.0	0.0
0.5365	0.0	0.0	7.531	0.0	0.0	105.7	1.0	1.6	1484	0.0	0.0
0.6213	0.0	0.0	8.721	0.0	0.0	122.4	0.5	0.8	1718	0.0	0.0
0.7195	0.0	0.0	10.10	0.0	0.0	141.8	0.3	0.5	1990	0.0	0.0
0.8332	0.0	0.0	11.70	0.0	0.0	164.2	0.3	0.4	2305	0.0	0.0
0.9649	0.0	0.0	13.54	0.0	0.0	190.1	0.2	0.4	2669	0.0	0.0
1.117	0.0	0.0	15.69	0.0	0.0	220.2	0.2	0.3	3091	0.0	0.0
1.294	0.0	0.0	18.17	0.0	1.4	255.0	0.2	0.3	3580	0.0	0.0
1.498	0.0	0.0	21.04	4.3	7.4	295.3	0.1	0.2	4145	0.0	0.0
1.736	0.0	0.0	24.36	8.9	14.7	342.0	0.1	0.2	4801	0.0	0.0
2.010	0.0	0.0	28.21	12.0	13.8	396.1	0.1	0.1	5560	0.0	0.0
2.328	0.0	0.0	32.67	13.6	12.0	456.7	0.1	0.1	6438	0.0	0.0
2.695	0.0	0.0	37.84	12.4	13.3	531.2	0.0	0.1	7456	0.0	0.0
3.122	0.0	0.0	43.82	10.8	8.5	615.1	0.0	0.0	8635	0.0	0.0
3.615	0.0	0.0	50.75	11.1	9.9	712.4	0.0	0.0	1.000e4	0.0	0.0
4.187	0.0	0.0	58.77	10.0	12.8	825.0	0.0	0.0			
4.849	0.0	0.0	68.06	6.9	10.1	955.4	0.0	0.0			

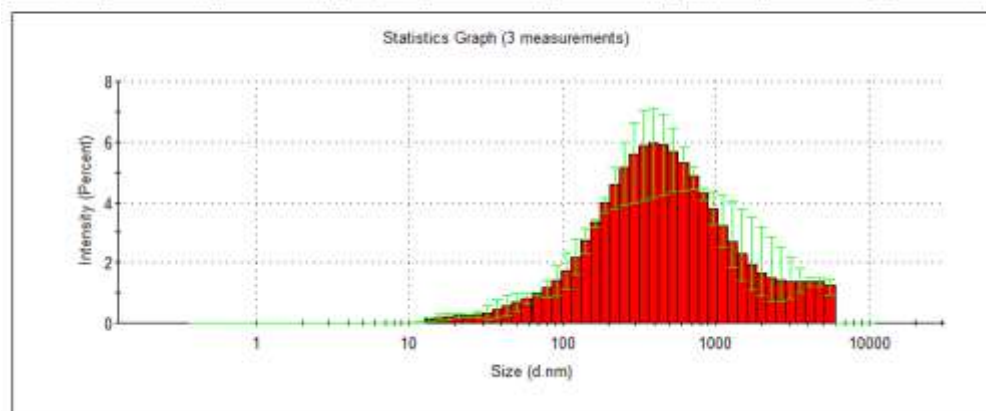


**Figure S14:** C8:A1:H1-NS MSZ 1.66 mg/mL pH 4.0 (Number distribution)



**Figure S15:** C8:A1-H1-NS MSZ 1.66 mg/mL pH 4.0 (Zeta Potential distribution)

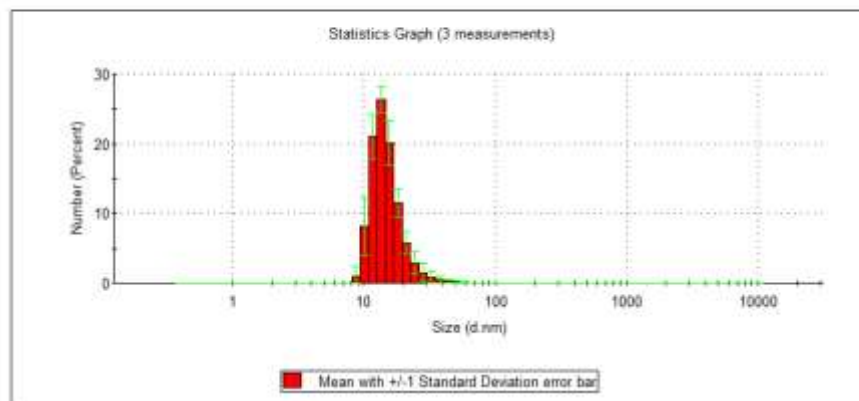
Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent
0.4000	0.0	0.0	5.515	0.0	0.0	78.82	1.2	0.3	1106	3.2	0.9
0.4632	0.0	0.0	6.503	0.0	0.0	91.28	1.4	0.5	1281	2.7	1.2
0.5365	0.0	0.0	7.531	0.0	0.0	105.7	1.7	0.6	1484	2.3	1.3
0.6213	0.0	0.0	8.721	0.0	0.0	122.4	2.2	0.6	1718	1.9	1.4
0.7195	0.0	0.0	10.10	0.0	0.0	141.8	2.7	0.4	1990	1.7	1.3
0.8332	0.0	0.0	11.70	0.0	0.0	164.2	3.3	0.2	2305	1.5	1.2
0.9649	0.0	0.0	13.54	0.1	0.1	190.1	4.0	0.3	2669	1.4	1.0
1.117	0.0	0.0	15.59	0.2	0.1	220.2	4.6	0.7	3091	1.4	0.7
1.294	0.0	0.0	18.17	0.2	0.1	255.0	5.1	1.1	3580	1.4	0.4
1.499	0.0	0.0	21.04	0.2	0.1	295.3	5.6	1.4	4145	1.4	0.2
1.736	0.0	0.0	24.36	0.2	0.0	342.0	5.9	1.6	4801	1.3	0.1
2.010	0.0	0.0	28.21	0.3	0.1	396.1	6.0	1.6	5560	1.3	0.3
2.328	0.0	0.0	32.67	0.3	0.2	458.7	5.9	1.4	6439	0.0	0.0
2.696	0.0	0.0	37.84	0.4	0.3	531.2	5.7	1.2	7456	0.0	0.0
3.122	0.0	0.0	43.82	0.6	0.3	615.1	5.3	0.8	8635	0.0	0.0
3.615	0.0	0.0	50.75	0.7	0.3	712.4	4.8	0.4	1.000e4	0.0	0.0
4.187	0.0	0.0	58.77	0.8	0.2	825.0	4.3	0.2			
4.849	0.0	0.0	68.06	1.0	0.1	955.4	3.8	0.6			



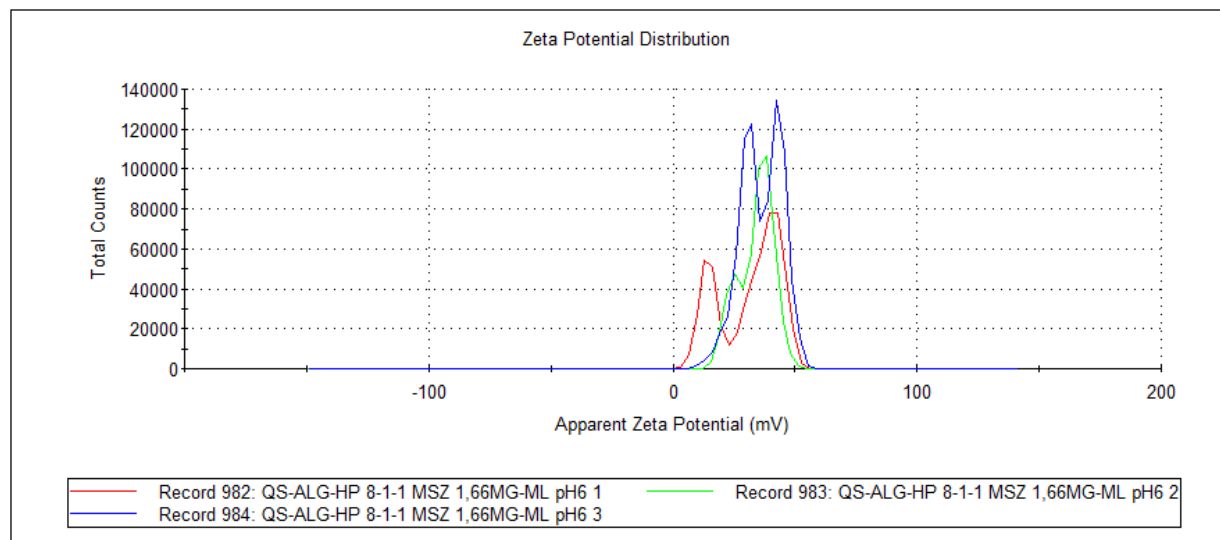
**Figure S16:** C8:A1:H1-NS MSZ 1.66 mg/mL pH 6.0 (Intensity distribution)



Size d.nm	Mean Number Percent	Std Dev Number Percent	Size d.nm	Mean Number Percent	Std Dev Number Percent	Size d.nm	Mean Number Percent	Std Dev Number Percent	Size d.nm	Mean Number Percent	Std Dev Number Percent
0.4000	0.0	0.0	5.615	0.0	0.0	78.82	0.0	0.0	1106	0.0	0.0
0.4632	0.0	0.0	6.503	0.0	0.0	81.28	0.0	0.0	1281	0.0	0.0
0.5365	0.0	0.0	7.531	0.0	0.0	105.7	0.0	0.0	1484	0.0	0.0
0.6213	0.0	0.0	8.721	0.9	1.6	122.4	0.0	0.0	1718	0.0	0.0
0.7195	0.0	0.0	10.10	8.1	4.1	141.8	0.0	0.0	1990	0.0	0.0
0.8332	0.0	0.0	11.70	21.1	3.2	164.2	0.0	0.0	2305	0.0	0.0
0.9649	0.0	0.0	13.54	26.3	1.9	190.1	0.0	0.0	2669	0.0	0.0
1.117	0.0	0.0	15.69	20.1	3.1	220.2	0.0	0.0	3091	0.0	0.0
1.294	0.0	0.0	18.17	11.5	2.1	255.0	0.0	0.0	3580	0.0	0.0
1.499	0.0	0.0	21.04	5.8	1.6	295.3	0.0	0.0	4145	0.0	0.0
1.736	0.0	0.0	24.36	2.9	1.7	342.0	0.0	0.0	4801	0.0	0.0
2.010	0.0	0.0	28.21	1.5	1.4	396.1	0.0	0.0	5560	0.0	0.0
2.328	0.0	0.0	32.67	0.8	1.0	458.7	0.0	0.0	6439	0.0	0.0
2.696	0.0	0.0	37.84	0.5	0.6	531.2	0.0	0.0	7456	0.0	0.0
3.122	0.0	0.0	43.82	0.2	0.3	615.1	0.0	0.0	8635	0.0	0.0
3.615	0.0	0.0	50.75	0.1	0.1	712.4	0.0	0.0	1,000e4	0.0	0.0
4.187	0.0	0.0	58.77	0.1	0.1	825.0	0.0	0.0			
4.849	0.0	0.0	68.06	0.0	0.0	955.4	0.0	0.0			



**Figure S17:** C8:A1:H1-NS MSZ 1.66 mg/mL pH 6.0 (Number distribution)



**Figure S18:** C8:A1-H1-NS MSZ 1.66 mg/mL pH 6.0 (Zeta Potential distribution)