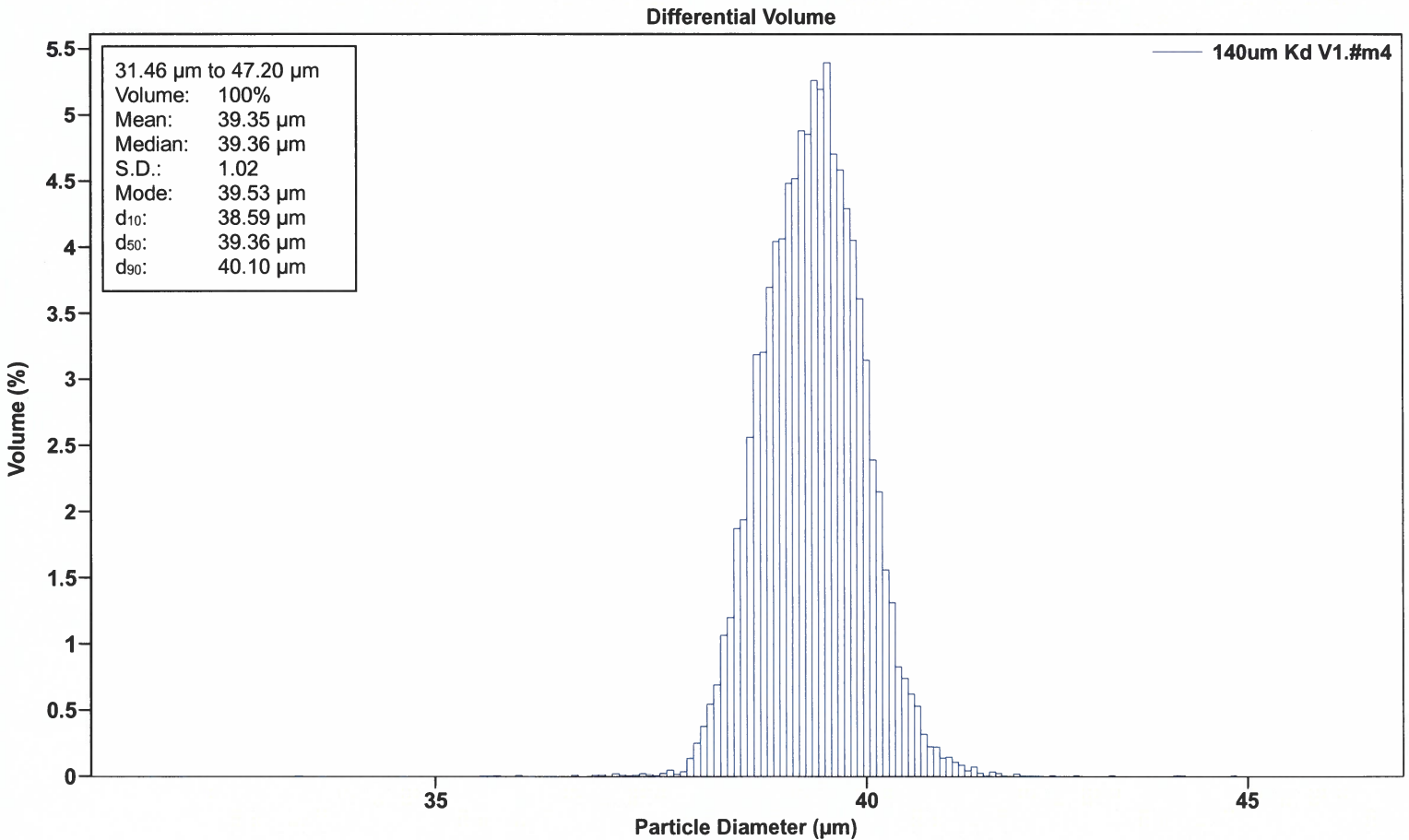


Multisizer 4e data: R:\Beckman-Coulter Multisizer\Data\ME Addendum\140um Kd V1.#m4  
 SOM file: C:\Multisizer4e\SOP\140um background.som (modified)  
 Preference file: C:\Multisizer4e\SOP\PTL Background Preferences.prf  
 File ID: 140um Kd V  
 Sample ID: Polymer Microspheres  
 Comment: 39.33um +/- 0.35um; 8759; 2026-03-31; Lot#264580  
 Run number: 1  
 Electrolyte: 2% NaCl  
 Dispersant: None  
 Aperture: 140 µm Kd: 178.82  
 Aperture current: 1600 µA Preamp gain: 2  
 Size bins: 200 from 31.5 µm to 47.2 µm, linear diameter  
 Total count: 31781 (Coincidence corrected)  
 Count > 2.8 µm: 38097 Coincidence corrected: 41060  
 Coincidence correction: 7.8%  
 Control mode: Total count 30000  
 Elapsed time: 278.33 seconds  
 Acquired: 12:46 12 Sep 2023



Number Statistics (Geometric)      140um Kd V1.#m4

Calculations from 31.46 µm to 47.20 µm

Number:	31781		
Mean:	39.32 µm	95% Conf. Limits:	39.31-39.33 µm
Median:	39.33 µm	S.D.:	1.02
Mode:	39.53 µm		
d <sub>10</sub> :	38.57 µm	d <sub>50</sub> :	39.33 µm
		d <sub>90</sub> :	40.07 µm

## Volume Statistics (Geometric)

140um Kd V1.#m4

Calculations from 31.46 µm to 47.20 µm

Volume: 1.013e9 µm<sup>3</sup>  
 Mean: 39.35 µm      95% Conf. Limits: 39.34-39.36 µm  
 Median: 39.36 µm      S.D.: 1.02  
 Mode: 39.53 µm

d<sub>10</sub>: 38.59 µm      d<sub>50</sub>: 39.36 µm      d<sub>90</sub>: 40.10 µm

## 140um Kd V1.#m4

Bin Diameter (Center) µm	Diff. Number %	Diff. Volume %	Bin Diameter (Center) µm	Diff. Number %	Diff. Volume %	Bin Diameter (Center) µm	Diff. Number %	Diff. Volume %
31.50	0	0	35.67	0.013	0.0094	39.84	3.90	4.05
31.58	0	0	35.75	0	0	39.92	3.45	3.61
31.66	0	0	35.83	0	0	40.00	2.99	3.15
31.74	0	0	35.91	0.016	0.012	40.08	2.26	2.39
31.82	0	0	35.99	0	0	40.16	2.02	2.15
31.90	0	0	36.07	0.0063	0.0049	40.23	1.46	1.56
31.98	0	0	36.14	0	0	40.31	1.22	1.31
32.05	0.0063	0.0034	36.22	0.0063	0.0049	40.39	0.77	0.83
32.13	0	0	36.30	0.0063	0.0049	40.47	0.68	0.74
32.21	0	0	36.38	0	0	40.55	0.57	0.62
32.29	0	0	36.46	0	0	40.63	0.48	0.53
32.37	0.0063	0.0035	36.54	0.016	0.013	40.71	0.29	0.32
32.45	0	0	36.62	0.0031	0.0025	40.79	0.20	0.23
32.53	0	0	36.69	0	0	40.86	0.20	0.23
32.60	0	0	36.77	0.016	0.013	40.94	0.13	0.14
32.68	0	0	36.85	0.019	0.016	41.02	0.13	0.15
32.76	0	0	36.93	0	0	41.10	0.098	0.11
32.84	0	0	37.01	0.028	0.024	41.18	0.079	0.090
32.92	0	0	37.09	0.016	0.013	41.26	0.041	0.047
33.00	0	0	37.17	0.0094	0.0080	41.34	0.066	0.077
33.08	0	0	37.25	0.016	0.013	41.41	0.025	0.029
33.16	0	0	37.32	0.028	0.024	41.49	0.0063	0.0074
33.23	0	0	37.40	0.019	0.016	41.57	0.031	0.037
33.31	0	0	37.48	0.0094	0.0082	41.65	0.022	0.026
33.39	0	0	37.56	0.031	0.027	41.73	0.0063	0.0075
33.47	0	0	37.64	0.060	0.052	41.81	0	0
33.55	0.0094	0.0059	37.72	0.022	0.019	41.89	0.019	0.023
33.63	0	0	37.80	0.044	0.039	41.97	0.0063	0.0076
33.71	0	0	37.87	0.16	0.14	42.04	0.0063	0.0077
33.78	0.0063	0.0040	37.95	0.28	0.25	42.12	0.0063	0.0077
33.86	0	0	38.03	0.42	0.38	42.20	0.0063	0.0078
33.94	0	0	38.11	0.60	0.55	42.28	0	0
34.02	0	0	38.19	0.76	0.69	42.36	0.0063	0.0079
34.10	0	0	38.27	1.16	1.07	42.44	0.0031	0.0040
34.18	0	0	38.35	1.30	1.20	42.52	0	0
34.26	0	0	38.43	2.01	1.87	42.59	0	0
34.34	0	0	38.50	2.07	1.94	42.67	0.0063	0.0080
34.41	0	0	38.58	2.72	2.57	42.75	0	0
34.49	0	0	38.66	3.36	3.19	42.83	0	0
34.57	0	0	38.74	3.36	3.21	42.91	0	0
34.65	0.0063	0.0043	38.82	3.85	3.70	42.99	0	0
34.73	0	0	38.90	4.18	4.04	43.07	0	0
34.81	0	0	38.98	4.18	4.07	43.15	0.0063	0.0083
34.89	0	0	39.05	4.58	4.48	43.22	0	0
34.96	0	0	39.13	4.59	4.52	43.30	0	0
35.04	0	0	39.21	4.93	4.88	43.38	0	0
35.12	0	0	39.29	4.87	4.85	43.46	0	0
35.20	0	0	39.37	5.25	5.26	43.54	0	0
35.28	0	0	39.45	5.15	5.20	43.62	0	0
35.36	0	0	39.53	5.32	5.40	43.70	0	0
35.44	0	0	39.61	4.61	4.71	43.77	0	0
35.51	0.0094	0.0069	39.68	4.46	4.59	43.85	0	0
35.59	0.0094	0.0070	39.76	4.16	4.29	43.93	0	0

140um Kd V1.#m4

Bin Diameter (Center) µm	Diff. Number %	Diff. Volume %
44.01	0.0063	0.0088
44.09	0.0063	0.0089
44.17	0	0
44.25	0	0
44.32	0	0
44.40	0	0
44.48	0	0
44.56	0	0
44.64	0	0
44.72	0	0
44.80	0.0063	0.0093
44.88	0	0
44.95	0	0
45.03	0	0
45.11	0	0
45.19	0	0
45.27	0	0
45.35	0	0
45.43	0	0
45.50	0	0
45.58	0	0
45.66	0	0
45.74	0	0
45.82	0	0
45.90	0	0
45.98	0	0
46.06	0	0
46.13	0	0
46.21	0	0
46.29	0	0
46.37	0	0
46.45	0	0
46.53	0	0
46.61	0	0
46.68	0	0
46.76	0	0
46.84	0	0
46.92	0	0
47.00	0	0
47.08	0	0
47.16	0	0