

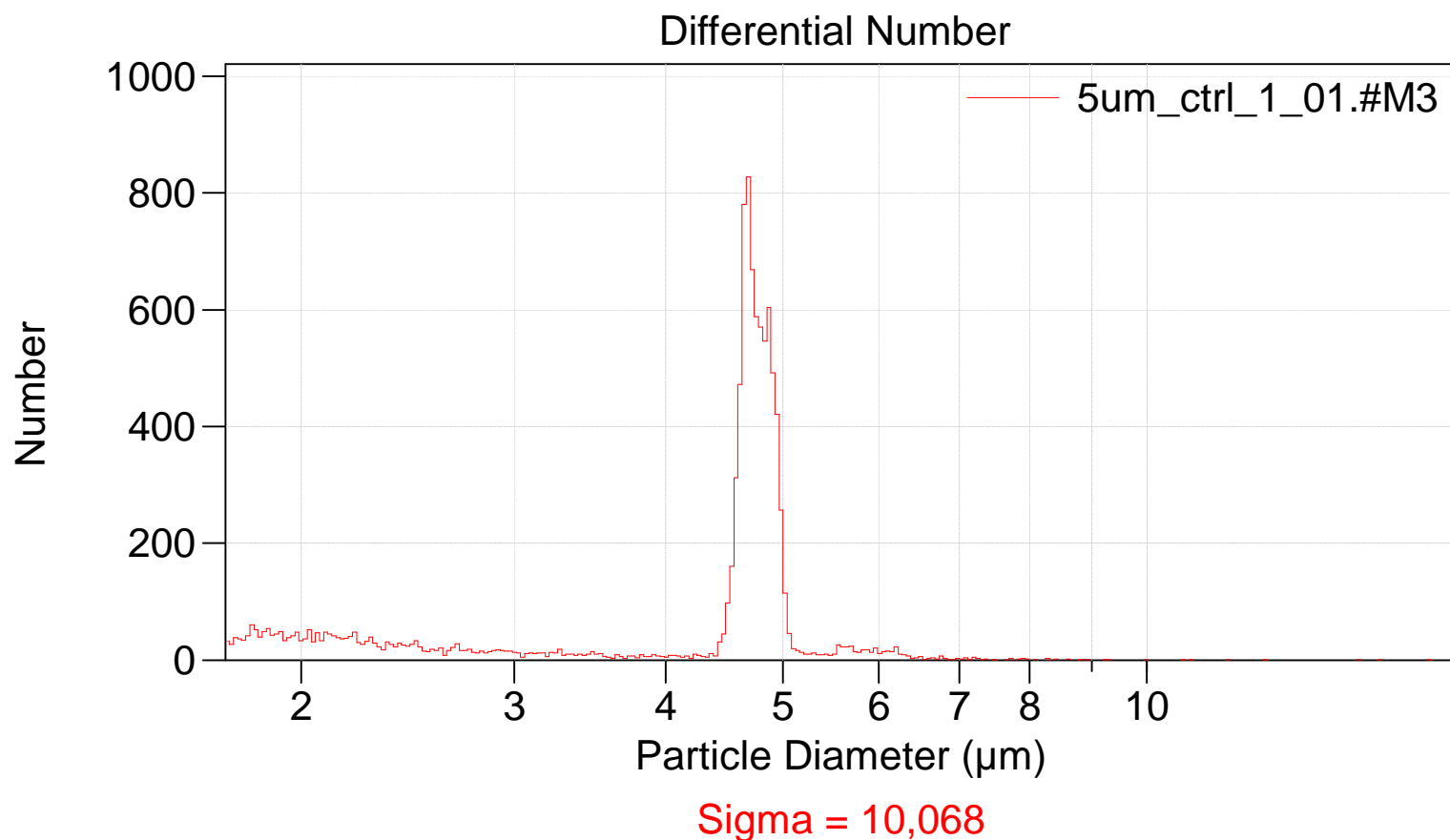


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124\_multisizer\bead\_ctrls\5um\_ctrl\_1\_01.#M3

File: C:\MS\Default.pri  
Preference file: C:\MS\Default.pri  
Group ID: 5um\_ctrl  
Sample ID: 1  
Run number: 1  
Electrolyte: ISOTON II  
Aperture diameter: 30  $\mu\text{m}$  Kd: 38.899  
Aperture current: 400  $\mu\text{A}$  Gain: 8  
Size bins: 300 from 1.73  $\mu\text{m}$  to 18  $\mu\text{m}$   
Sigma: 10,068 (Coincidence corrected)  
Count > 1.73  $\mu\text{m}$ : 10,003 Coincidence corrected: 10,071  
Coincidence correction: 0.7%  
Control mode: Total Count 10,000  
Elapsed time: 39.72 seconds  
Acquired: 18:37 25 Nov 2019  
Dilution Factor: 1  
Electrolyte volume: 20 mL  
Sample: 20 mL





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Arithmetic)

5um\_ctrl\_1\_01.#M3

Calculations from 1.731  $\mu\text{m}$  to 18.00  $\mu\text{m}$

Number:	10,068		
Mean:	4.233 $\mu\text{m}$	S.D.:	1.172 $\mu\text{m}$
Median:	4.691 $\mu\text{m}$	C.V.:	27.7%
Mode:	4.683 $\mu\text{m}$		

d <sub>10</sub> :	2.093 $\mu\text{m}$	d <sub>50</sub> :	4.691 $\mu\text{m}$	d <sub>90</sub> :	4.957 $\mu\text{m}$
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>10%	>25%	>50%	>75%	>90%
4.957 $\mu\text{m}$	4.845 $\mu\text{m}$	4.691 $\mu\text{m}$	4.361 $\mu\text{m}$	2.093 $\mu\text{m}$

Number Statistics (Arithmetic)

5um\_ctrl\_1\_01.#M3

Calculations from 1.731  $\mu\text{m}$  to 18.00  $\mu\text{m}$

Number:	10,068		
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>10%	>25%	>50%	>75%	>90%
4.957 $\mu\text{m}$	4.845 $\mu\text{m}$	4.691 $\mu\text{m}$	4.361 $\mu\text{m}$	2.093 $\mu\text{m}$

5um\_ctrl\_1\_01.#M3

Number %	Particle Diameter $\mu\text{m}$ <
10	2.09336
25	4.36057
50	4.69136
75	4.84489
90	4.95742