



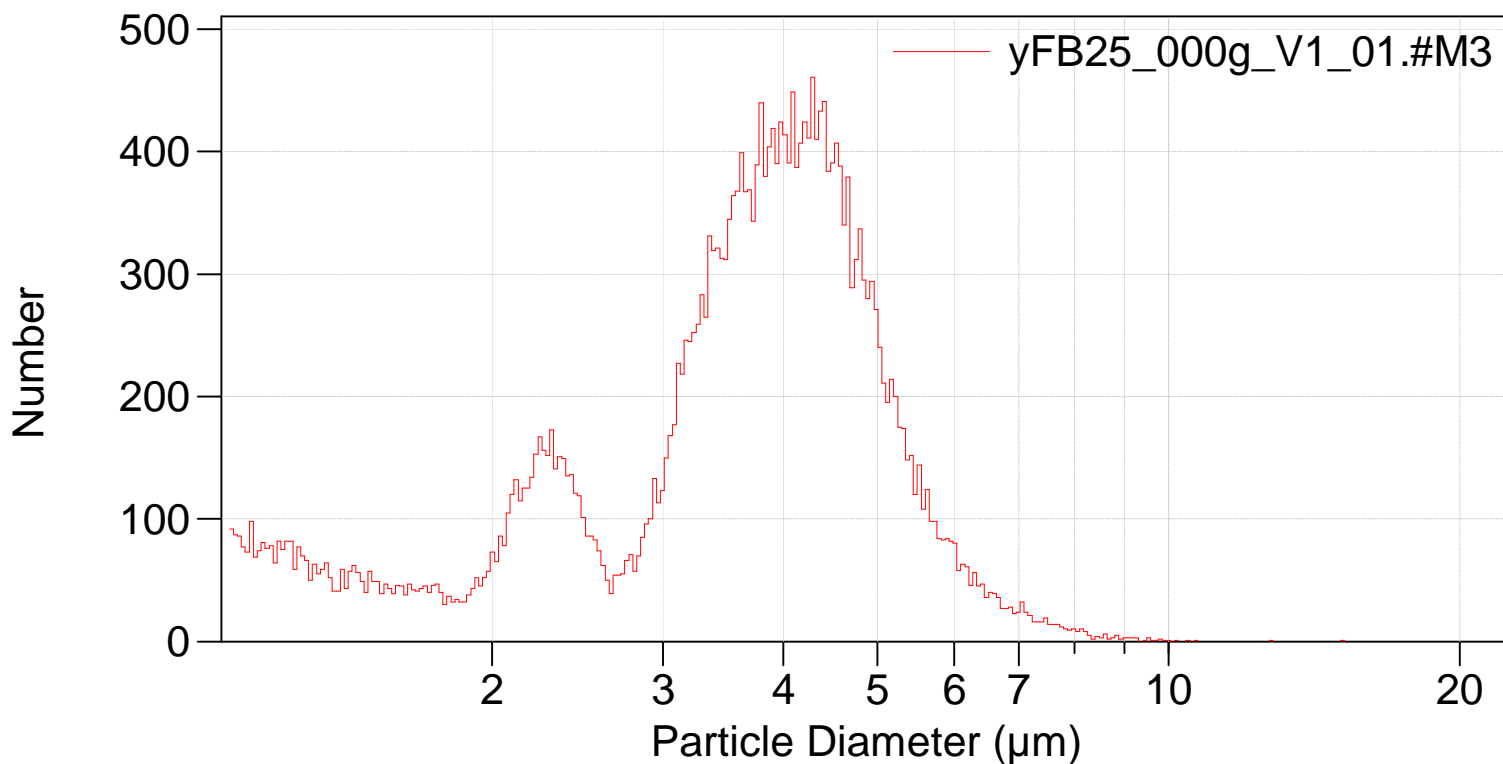
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File: 0524\_multisizer\yFB25\_000g\_V1\_01.#M3

Preference file: C:\MSI\Default.prn  
Group ID: yFB25\_000gal  
Sample ID: V1  
Comment: 30um aperture  
Operator: fbarber  
Run number: 1358  
Electrolyte: ISOTON II  
Aperture diameter: 30  $\mu\text{m}$  Kd: 39.046  
Aperture current: 400  $\mu\text{A}$  Gain: 8  
Size bins: 300 from 1.07  $\mu\text{m}$  to 18  $\mu\text{m}$   
Sigma: 30,499 (Coincidence corrected)  
Count > 1.07  $\mu\text{m}$ : 30,009 Coincidence corrected: 30,508  
Coincidence correction: 1.7%  
Control mode: Total Count 30,000  
Elapsed time: 79.34 seconds  
Acquired: 17:19 24 May 2018  
Dilution Factor: 1,000  
Electrolyte volume: 10 mL  
Sample: 1 mL  
Density: 1 g/mL

### Differential Number



**Sigma = 30,499**

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Arithmetic)

yFB25\_000g\_V1\_01.#M3

Calculations from 1.070  $\mu\text{m}$  to 18.00  $\mu\text{m}$ 

Number:	30,499		
Mean:	3.666 $\mu\text{m}$	S.D.:	1.313 $\mu\text{m}$
Median:	3.774 $\mu\text{m}$	C.V.:	35.8%
Mode:	4.287 $\mu\text{m}$		

d <sub>10</sub> :	1.729 $\mu\text{m}$	d <sub>50</sub> :	3.774 $\mu\text{m}$	d <sub>90</sub> :	5.169 $\mu\text{m}$
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>10%	>25%	>50%	>75%	>90%
5.169 $\mu\text{m}$	4.487 $\mu\text{m}$	3.774 $\mu\text{m}$	2.859 $\mu\text{m}$	1.729 $\mu\text{m}$

Number Statistics (Arithmetic)

yFB25\_000g\_V1\_01.#M3

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yFB25\_000g\_V1\_01.#M3

Number	Particle
%	Diameter
	$\mu\text{m}$ <
10	1.72928
25	2.8594
50	3.77386
75	4.48715
90	5.16944