

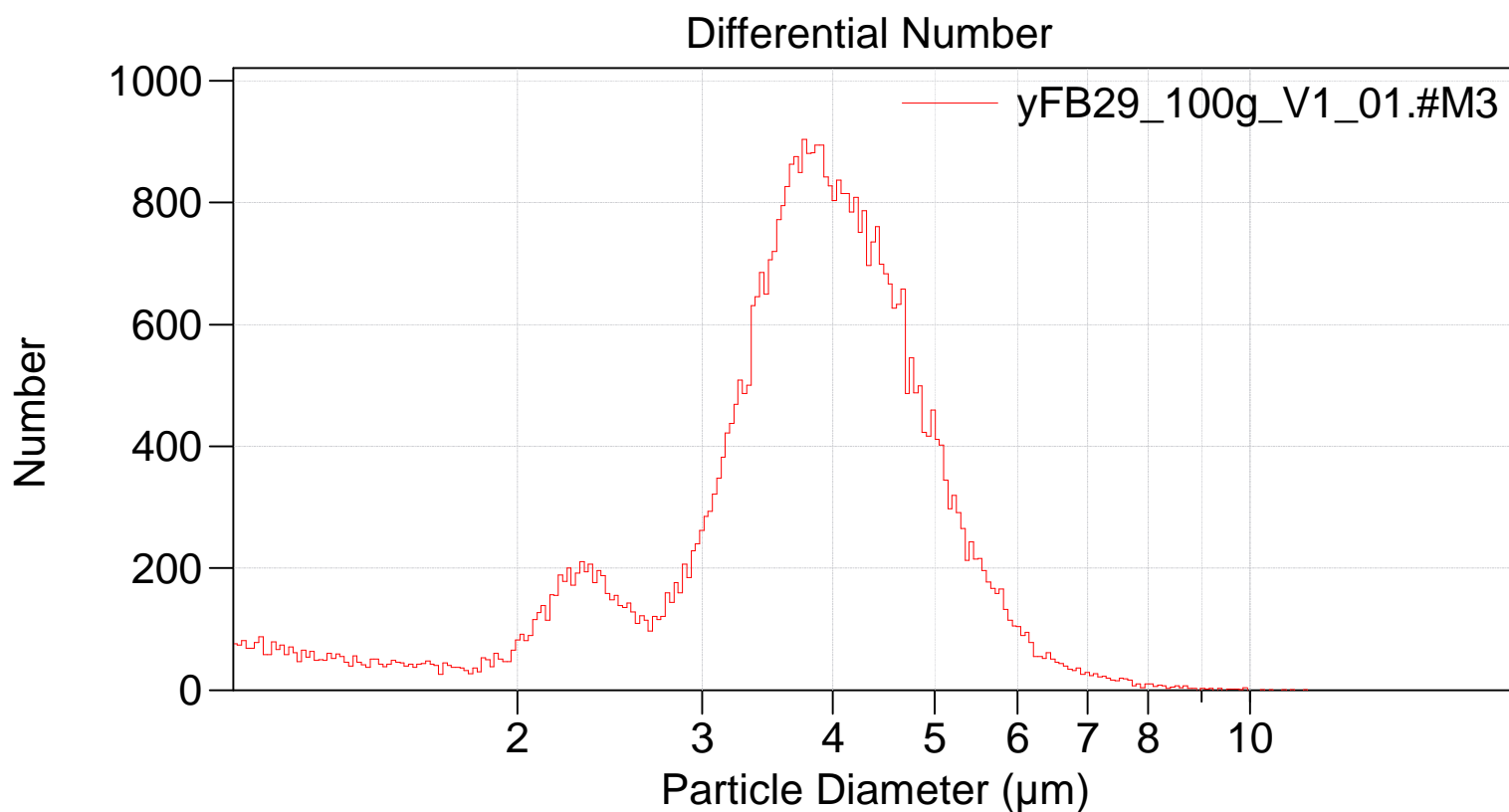


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File: 0524\_multisizer\yFB29\_100g\_V1\_01.#M3

Preference file: C:\MSD\Default.pri  
Group ID: yFB29\_100gal  
Sample ID: V1  
Comment: 30um aperture  
Operator: fbarber  
Run number: 1360  
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: 51,349 (Coincidence corrected)  
Count > 1.07  $\mu\text{m}$ : 50,010 Coincidence corrected: 51,359  
Coincidence correction: 2.7%  
Control mode: Total Count 50,000  
Elapsed time: 83.42 seconds  
Acquired: 17:50 24 May 2018  
Dilution Factor: 1,000  
Electrolyte volume: 10 mL  
Sample: 1 mL  
Density: 1 g/mL



Sigma = 51,349



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(Arithmetic)

yFB29\_100g\_V1\_01.#M3

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

|         |                     |       |                     |
|---------|---------------------|-------|---------------------|
| Number: | 51,349              |       |                     |
| Mean:   | 3.783 $\mu\text{m}$ | S.D.: | 1.116 $\mu\text{m}$ |
| Median: | 3.820 $\mu\text{m}$ | C.V.: | 29.5%               |
| Mode:   | 3.758 $\mu\text{m}$ |       |                     |

|                   |                     |                   |                     |                   |                     |
|-------------------|---------------------|-------------------|---------------------|-------------------|---------------------|
| d <sub>10</sub> : | 2.255 $\mu\text{m}$ | d <sub>50</sub> : | 3.820 $\mu\text{m}$ | d <sub>90</sub> : | 5.069 $\mu\text{m}$ |
|-------------------|---------------------|-------------------|---------------------|-------------------|---------------------|

|                     |                     |                     |                     |                     |
|---------------------|---------------------|---------------------|---------------------|---------------------|
| >10%                | >25%                | >50%                | >75%                | >90%                |
| 5.069 $\mu\text{m}$ | 4.437 $\mu\text{m}$ | 3.820 $\mu\text{m}$ | 3.227 $\mu\text{m}$ | 2.255 $\mu\text{m}$ |

Number Statistics (Arithmetic)

yFB29\_100g\_V1\_01.#M3

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

|         |                     |       |                     |
|---------|---------------------|-------|---------------------|
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|-------------------|---------------------|-------------------|---------------------|-------------------|---------------------|

|                     |                     |                     |                     |                     |
|---------------------|---------------------|---------------------|---------------------|---------------------|
| >10%                | >25%                | >50%                | >75%                | >90%                |
| 5.069 $\mu\text{m}$ | 4.437 $\mu\text{m}$ | 3.820 $\mu\text{m}$ | 3.227 $\mu\text{m}$ | 2.255 $\mu\text{m}$ |

yFB29\_100g\_V1\_01.#M3

| Number | Particle        |
|--------|-----------------|
| %      | Diameter        |
|        | $\mu\text{m} <$ |
| 10     | 2.25515         |
| 25     | 3.22709         |
| 50     | 3.81996         |
| 75     | 4.4374          |
| 90     | 5.0692          |