



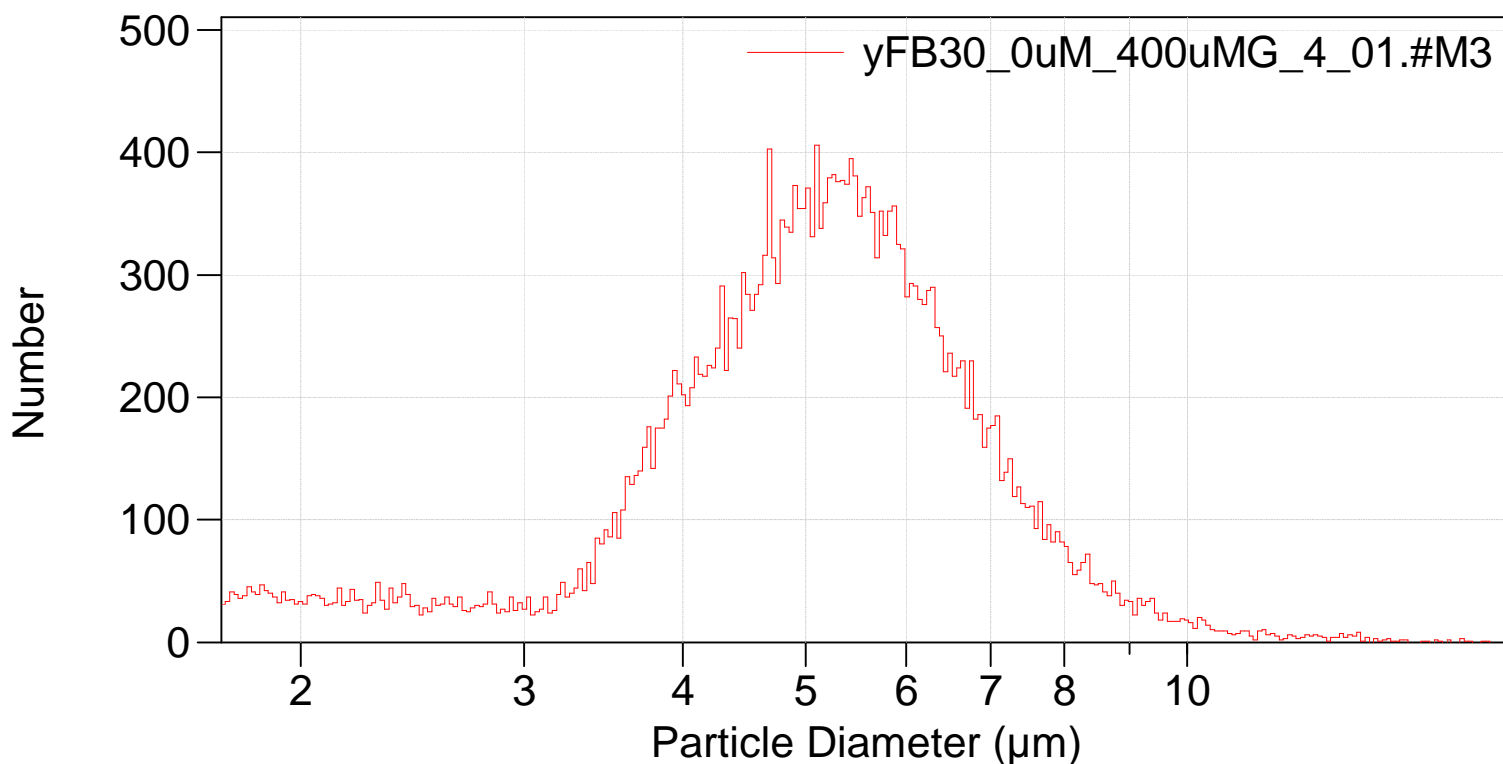
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129\_multisizer\yFB30\_0uMGal\_400uMGal\variable\_ratios\yFB30

File: C:\MSI\Default.prn  
Preference file: C:\MSI\Default.prn  
Group ID: yFB30\_0uM\_400uMGal  
Sample ID: 4  
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: 30,411 (Coincidence corrected)  
Count > 1.73  $\mu\text{m}$ : 30,001 Coincidence corrected: 30,412  
Coincidence correction: 1.4%  
Control mode: Total Count 30,000  
Elapsed time: 80.3 seconds  
Acquired: 20:12 29 Nov 2019  
Dilution Factor: 1  
Electrolyte volume: 20 mL  
Sample: 20 mL

### Differential Number



Sigma = 30,411

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Arithmetic)

yFB30\_0uM\_400uMG\_4\_01.#M3

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

|         |                     |       |                     |
|---------|---------------------|-------|---------------------|
| Number: | 30,411              |       |                     |
| Mean:   | 5.227 $\mu\text{m}$ | S.D.: | 1.636 $\mu\text{m}$ |
| Median: | 5.139 $\mu\text{m}$ | C.V.: | 31.3%               |
| Mode:   | 5.103 $\mu\text{m}$ |       |                     |

|                   |                     |                   |                     |                   |                     |
|-------------------|---------------------|-------------------|---------------------|-------------------|---------------------|
| d <sub>10</sub> : | 3.417 $\mu\text{m}$ | d <sub>50</sub> : | 5.139 $\mu\text{m}$ | d <sub>90</sub> : | 7.126 $\mu\text{m}$ |
|-------------------|---------------------|-------------------|---------------------|-------------------|---------------------|

|                     |                     |                     |                     |                     |
|---------------------|---------------------|---------------------|---------------------|---------------------|
| >10%                | >25%                | >50%                | >75%                | >90%                |
| 7.126 $\mu\text{m}$ | 6.086 $\mu\text{m}$ | 5.139 $\mu\text{m}$ | 4.251 $\mu\text{m}$ | 3.417 $\mu\text{m}$ |

Number Statistics (Arithmetic)

yFB30\_0uM\_400uMG\_4\_01.#M3

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

|         |                     |       |                     |
|---------|---------------------|-------|---------------------|
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|                   |                     |                   |                     |                   |                     |
|-------------------|---------------------|-------------------|---------------------|-------------------|---------------------|
| d <sub>10</sub> : | 3.417 $\mu\text{m}$ | d <sub>50</sub> : | 5.139 $\mu\text{m}$ | d <sub>90</sub> : | 7.126 $\mu\text{m}$ |
|-------------------|---------------------|-------------------|---------------------|-------------------|---------------------|

|                     |                     |                     |                     |                     |
|---------------------|---------------------|---------------------|---------------------|---------------------|
| >10%                | >25%                | >50%                | >75%                | >90%                |
| 7.126 $\mu\text{m}$ | 6.086 $\mu\text{m}$ | 5.139 $\mu\text{m}$ | 4.251 $\mu\text{m}$ | 3.417 $\mu\text{m}$ |

yFB30\_0uM\_400uMG\_4\_01.#M3

| Number | Particle        |
|--------|-----------------|
| %      | Diameter        |
|        | $\mu\text{m} <$ |

|    |         |
|----|---------|
| 10 | 3.41684 |
| 25 | 4.25097 |
| 50 | 5.13911 |
| 75 | 6.08554 |
| 90 | 7.12562 |