



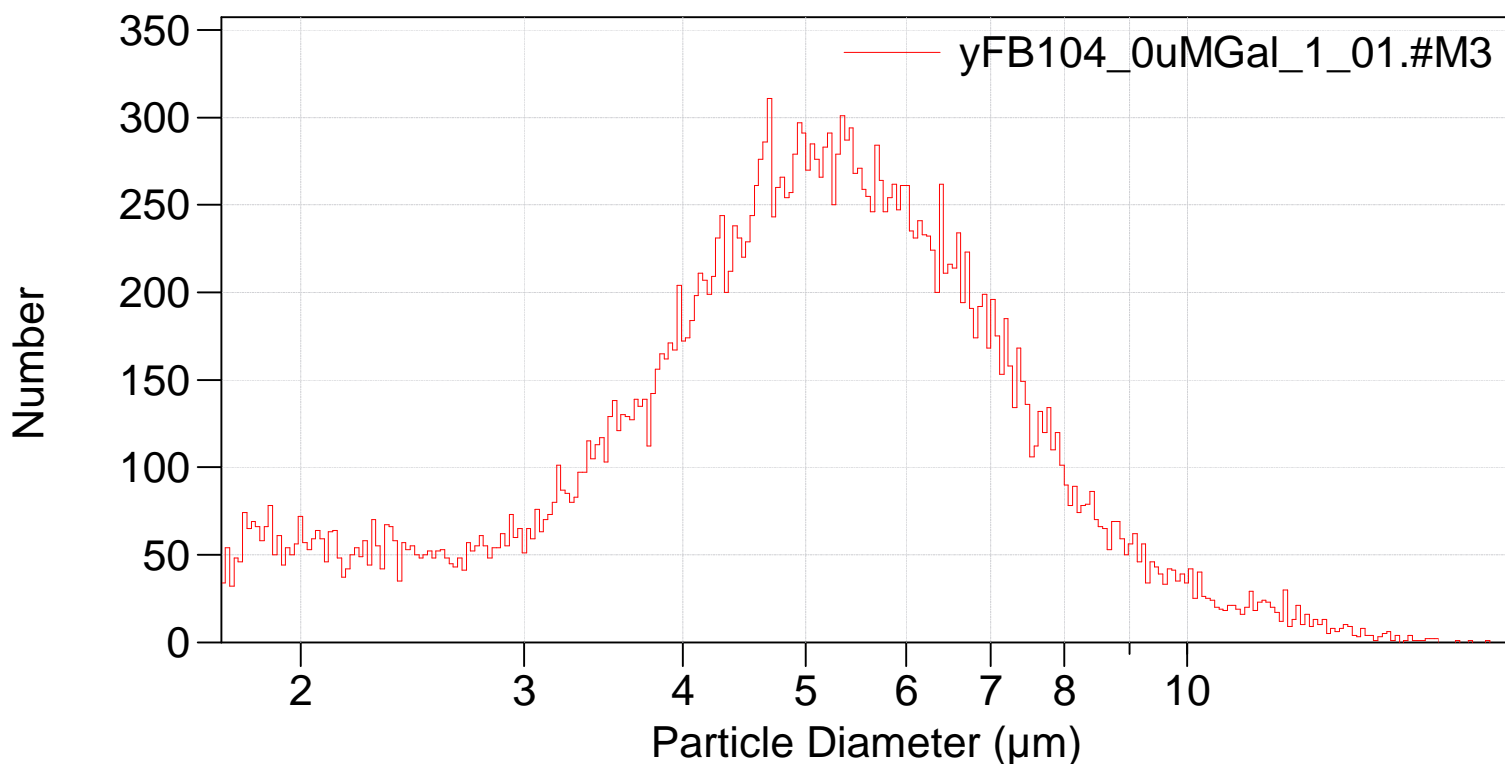
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124\_multisizer\yFB104\_0uMGal\yFB104\_0uMGal\_1\_01.#M3

File: C:\MSI\Default.prn  
Preference file: C:\MSI\Default.prn  
Group ID: yFB104\_0uMGal  
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: 30,237 (Coincidence corrected)  
Count > 1.73  $\mu\text{m}$ : 30,000 Coincidence corrected: 30,237  
Coincidence correction: 0.8%  
Control mode: Total Count 30,000  
Elapsed time: 133.72 seconds  
Acquired: 17:13 24 Nov 2019  
Dilution Factor: 1  
Electrolyte volume: 20 mL  
Sample: 20 mL

### Differential Number



Sigma = 30,237



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Arithmetic)

yFB104\_0uMGal\_1\_01.#M3

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

|         |                     |       |                     |
|---------|---------------------|-------|---------------------|
| Number: | 30,237              |       |                     |
| Mean:   | 5.222 $\mu\text{m}$ | S.D.: | 2.011 $\mu\text{m}$ |
| Median: | 5.039 $\mu\text{m}$ | C.V.: | 38.5%               |
| Mode:   | 4.683 $\mu\text{m}$ |       |                     |

|                   |                     |                   |                     |                   |                     |
|-------------------|---------------------|-------------------|---------------------|-------------------|---------------------|
| d <sub>10</sub> : | 2.682 $\mu\text{m}$ | d <sub>50</sub> : | 5.039 $\mu\text{m}$ | d <sub>90</sub> : | 7.685 $\mu\text{m}$ |
|-------------------|---------------------|-------------------|---------------------|-------------------|---------------------|

|                     |                     |                     |                     |                     |
|---------------------|---------------------|---------------------|---------------------|---------------------|
| >10%                | >25%                | >50%                | >75%                | >90%                |
| 7.685 $\mu\text{m}$ | 6.311 $\mu\text{m}$ | 5.039 $\mu\text{m}$ | 3.917 $\mu\text{m}$ | 2.682 $\mu\text{m}$ |

Number Statistics (Arithmetic)

yFB104\_0uMGal\_1\_01.#M3

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

|         |                     |       |                     |
|---------|---------------------|-------|---------------------|
| Number: | 30,237              |       |                     |
| Mean:   | 5.222 $\mu\text{m}$ | S.D.: | 2.011 $\mu\text{m}$ |
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|                   |                     |                   |                     |                   |                     |
|-------------------|---------------------|-------------------|---------------------|-------------------|---------------------|
| d <sub>10</sub> : | 2.682 $\mu\text{m}$ | d <sub>50</sub> : | 5.039 $\mu\text{m}$ | d <sub>90</sub> : | 7.685 $\mu\text{m}$ |
|-------------------|---------------------|-------------------|---------------------|-------------------|---------------------|

|                     |                     |                     |                     |                     |
|---------------------|---------------------|---------------------|---------------------|---------------------|
| >10%                | >25%                | >50%                | >75%                | >90%                |
| 7.685 $\mu\text{m}$ | 6.311 $\mu\text{m}$ | 5.039 $\mu\text{m}$ | 3.917 $\mu\text{m}$ | 2.682 $\mu\text{m}$ |

yFB104\_0uMGal\_1\_01.#M3

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

|    |         |
|----|---------|
| 10 | 2.68239 |
| 25 | 3.91668 |
| 50 | 5.03859 |
| 75 | 6.31145 |
| 90 | 7.68468 |