

## Sample

**Name** : GNP29.2.16\_0.8  
**Mesured On** : 29.02.2016 14:41  
**by** : Hannelore **logged as** : Expert

**Comments from Hannelore :**

## SOP

<b>Name</b>	: defaultSOP	<b>Acquisitions</b>	: 5
<b>Mode</b>	: Statistical		
<b>Time limitation</b>	: 60 s		
<b>Noise limitation</b>	: 1.1 %		
<b>Temperature</b>	: 25 °C		

## Device Settings

<b>Time interval</b>	: 1 µs	<b>Number of channels</b>	: 600
<b>Laser power</b>	: 36.6 %	<b>Wavelength</b>	: 657 nm
<b>DTC Position</b>	: UP		

## Liquid Medium

<b>Refractive index</b>	: 1.331	<b>Viscosity</b>	: 0.888 cP
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## Particles

<b>Real part</b>	: 1.56	<b>Imaginary part</b>	: 0.01
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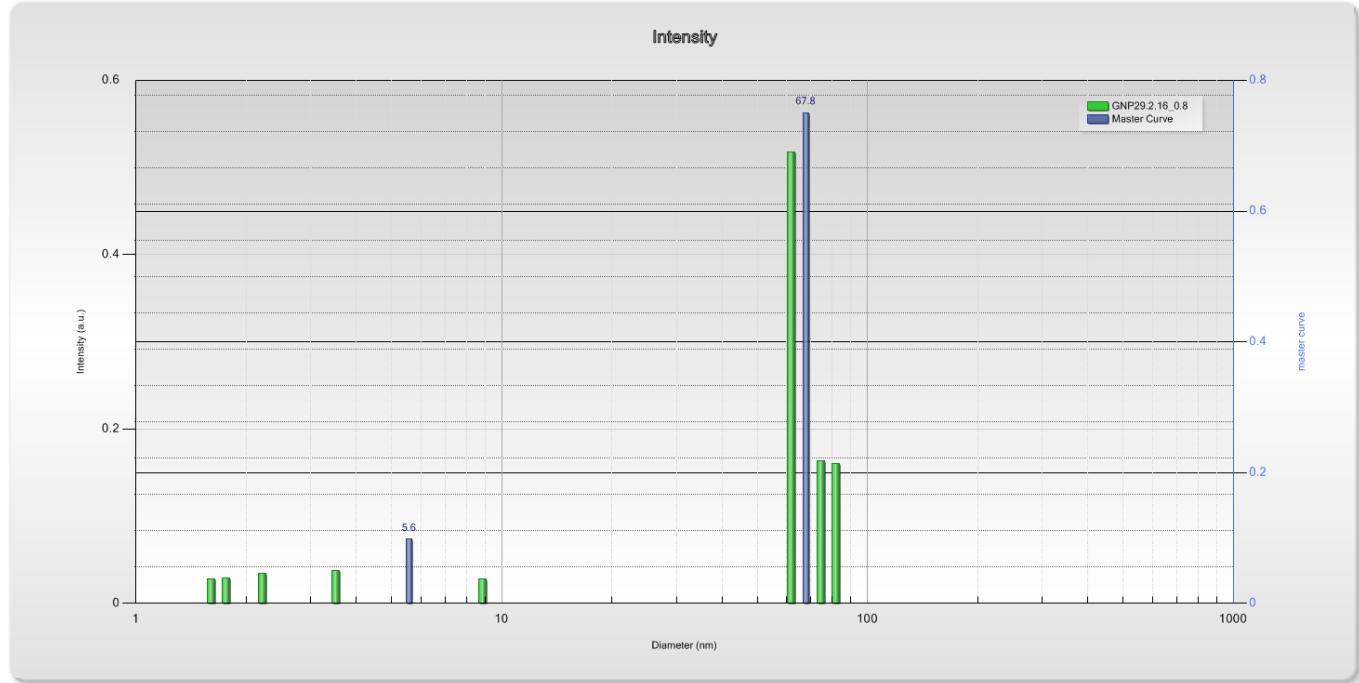
## Algorithm

<i>Pade Laplace</i>	<i>Cumulants</i>	<i>SBL</i>
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## Measurement

**Average count rate** : 3150 kcps  
**Number of rejected** : 0

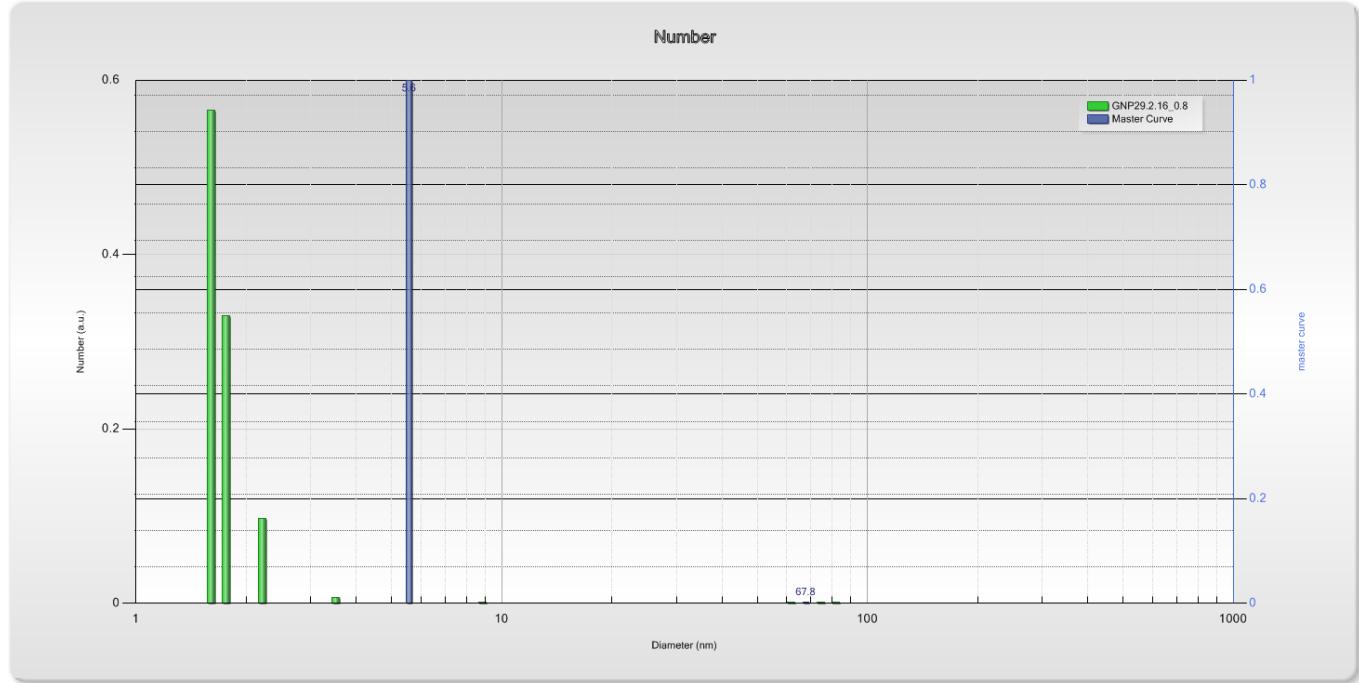
**Duration** : 00:06:06  
**Number of modified** : 1

**Dispersion statistics**

***Di 10%:*** 3.52 nm

***Di 50%:*** 61.83 nm

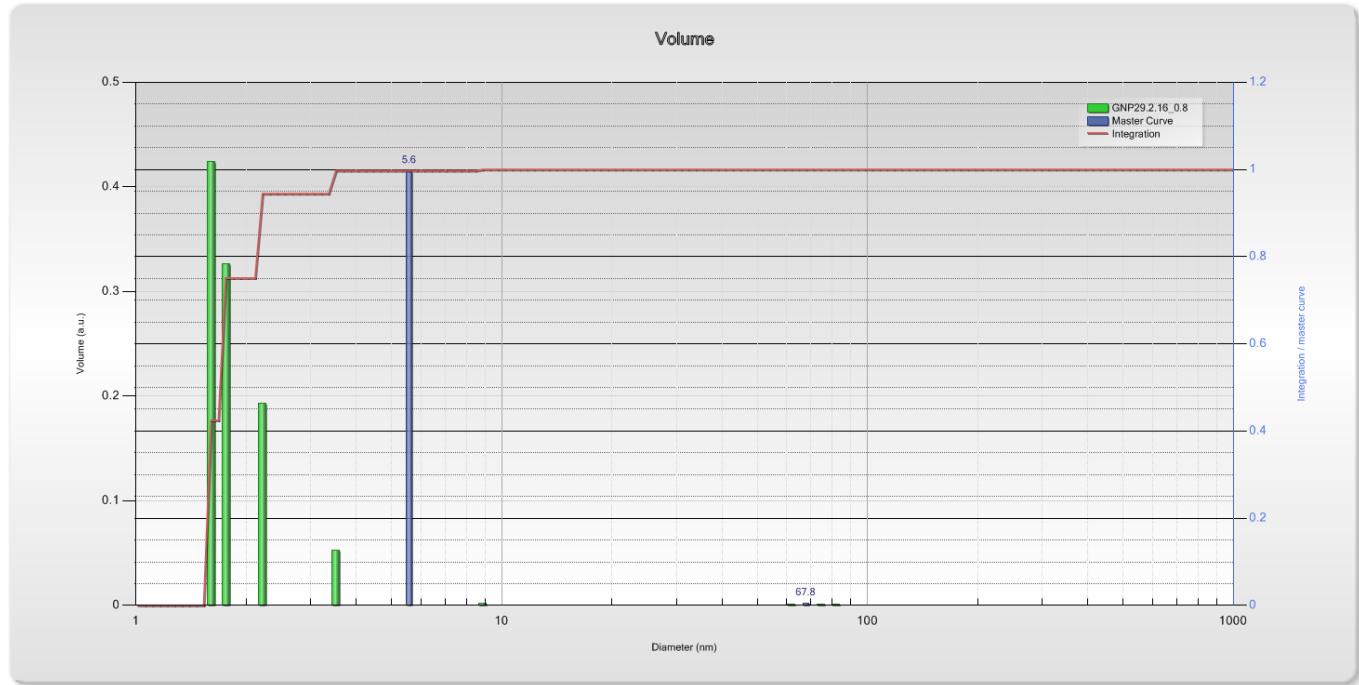
***Di 90%:*** 81.59 nm

**Dispersion statistics**

**D<sub>n</sub> 10%:** 1.6 nm

**D<sub>n</sub> 50%:** 1.6 nm

**D<sub>n</sub> 90%:** 2.22 nm

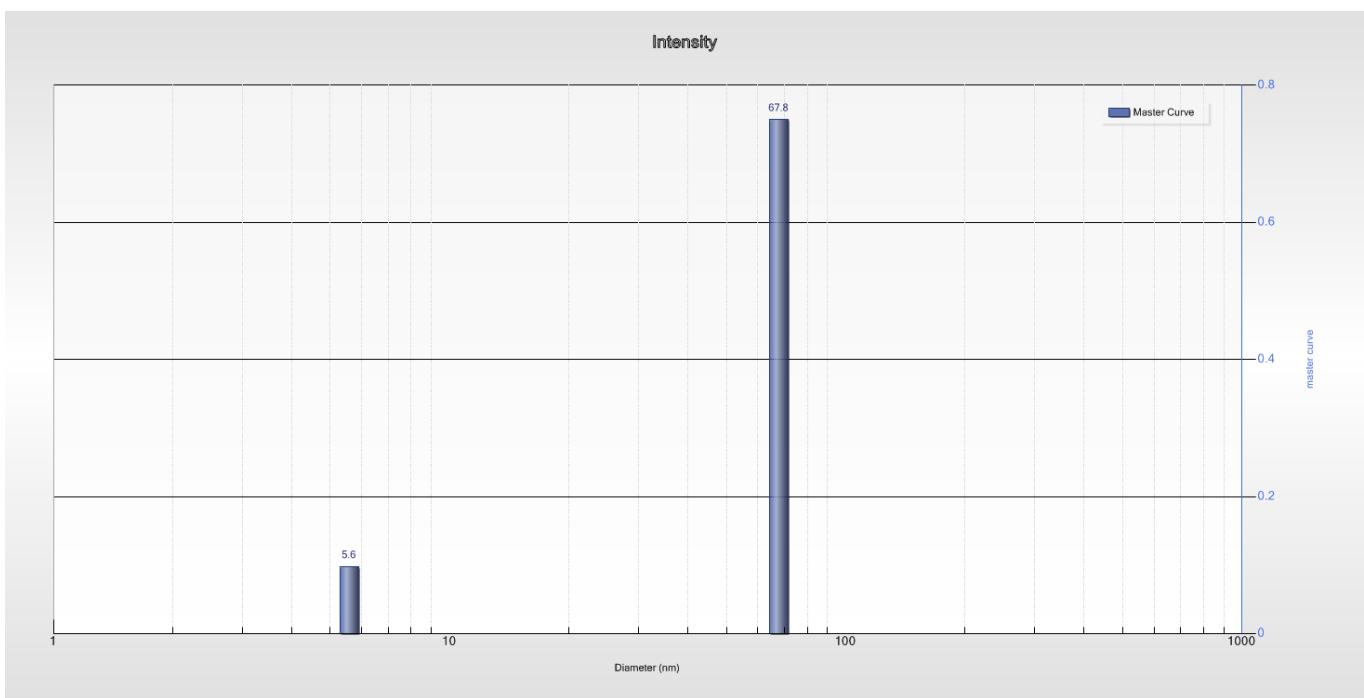


### Dispersion statistics

**D<sub>v</sub> 10%:** 1.6 nm

**D<sub>v</sub> 50%:** 1.76 nm

**D<sub>v</sub> 90%:** 2.22 nm

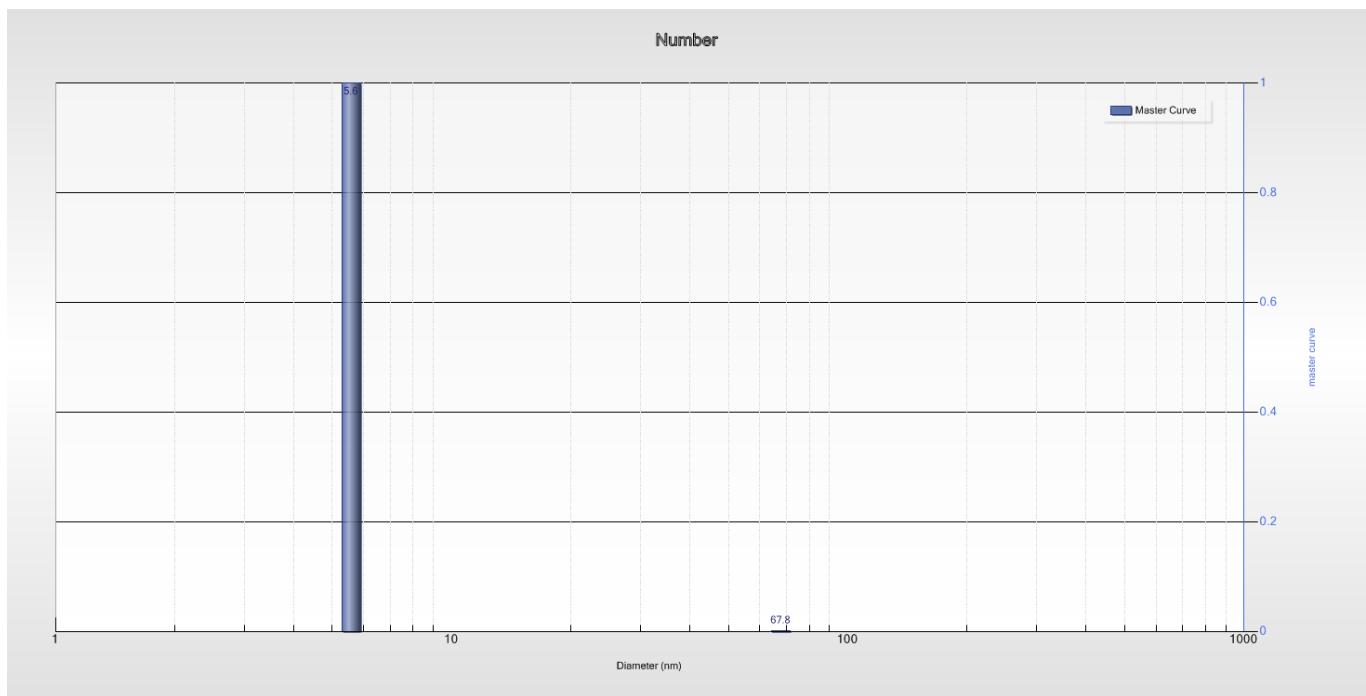


### Dispersion statistics

**Di 10%:** 5.58 nm      **Di 50%:** 67.81 nm      **Di 90%:** 67.81 nm  
**Mean Intensity:** 60.61 nm

### Detected size(s)

Size (nm)	Intensity	Decay Rate	Diffusion Coeff. (m <sup>2</sup> /s)
0.57	0.09	453613.43	85.81631E-011
5.55	0.1	46794.05	88.52676E-012
68.65	0.75	3784.58	71.59814E-013

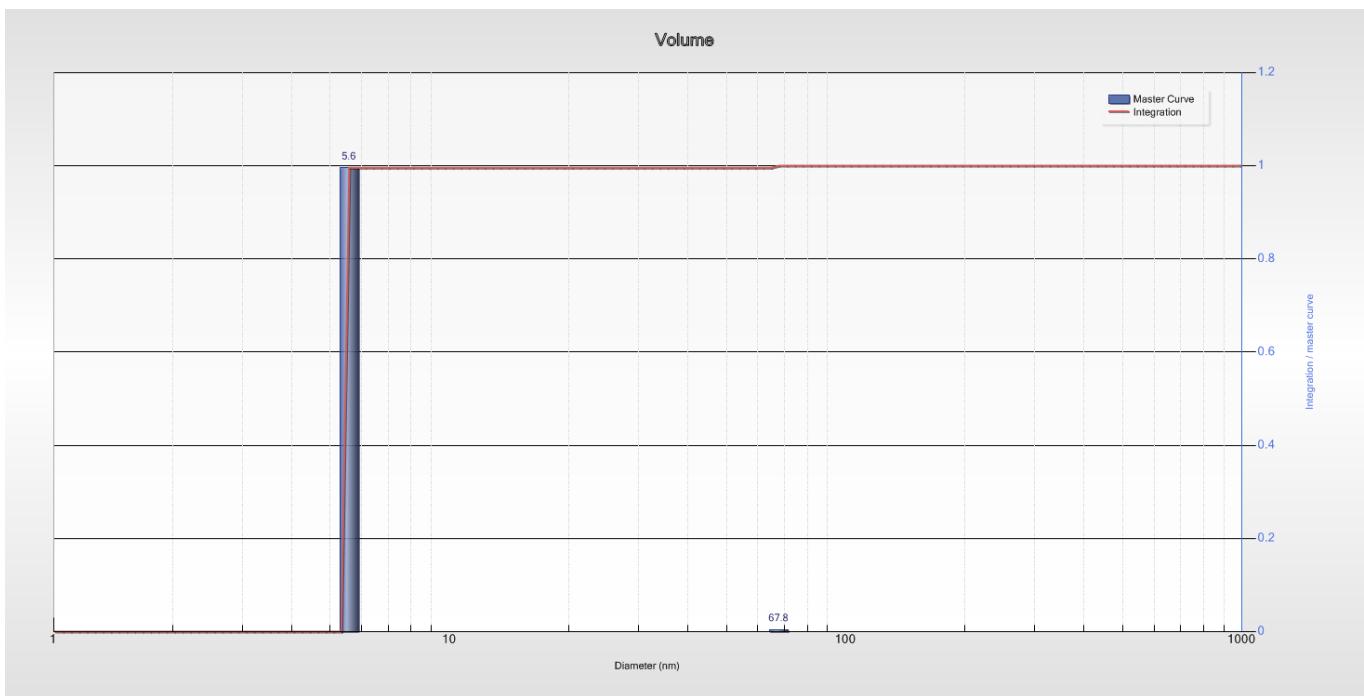


### Dispersion statistics

**Dn 10%:** 5.58 nm      **Dn 50%:** 5.58 nm      **Dn 90%:** 5.58 nm  
**Mean Number:** 5.58 nm

### Detected size(s)

Size (nm)	Intensity	Decay Rate	Diffusion Coeff. (m <sup>2</sup> /s)
0.57	0.09	453613.43	85.81631E-011
5.55	0.1	46794.05	88.52676E-012
68.65	0.75	3784.58	71.59814E-013

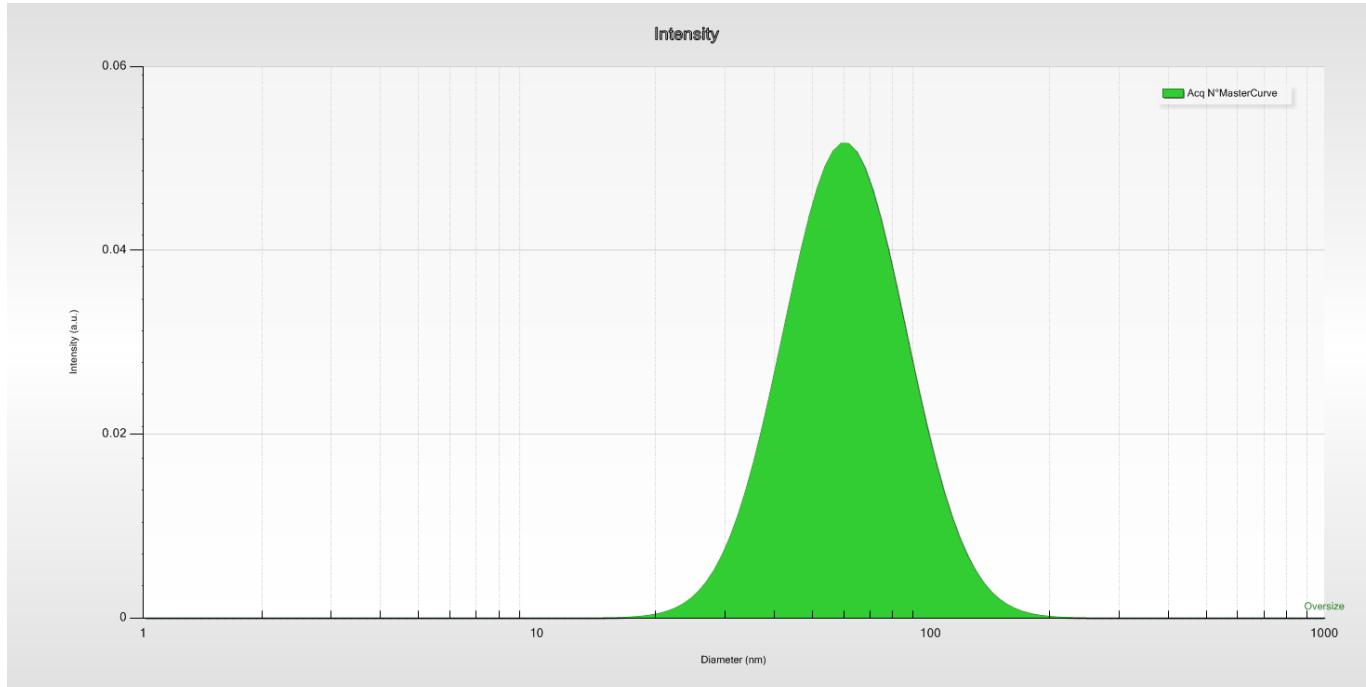


### Dispersion statistics

**D<sub>v</sub> 10%:** 5.58 nm      **D<sub>v</sub> 50%:** 5.58 nm      **D<sub>v</sub> 90%:** 5.58 nm  
**Mean Volume:** 5.86 nm

### Detected size(s)

Size (nm)	Intensity	Decay Rate	Diffusion Coeff. (m <sup>2</sup> /s)
0.57	0.09	453613.43	85.81631E-011
5.55	0.1	46794.05	88.52676E-012
68.65	0.75	3784.58	71.59814E-013

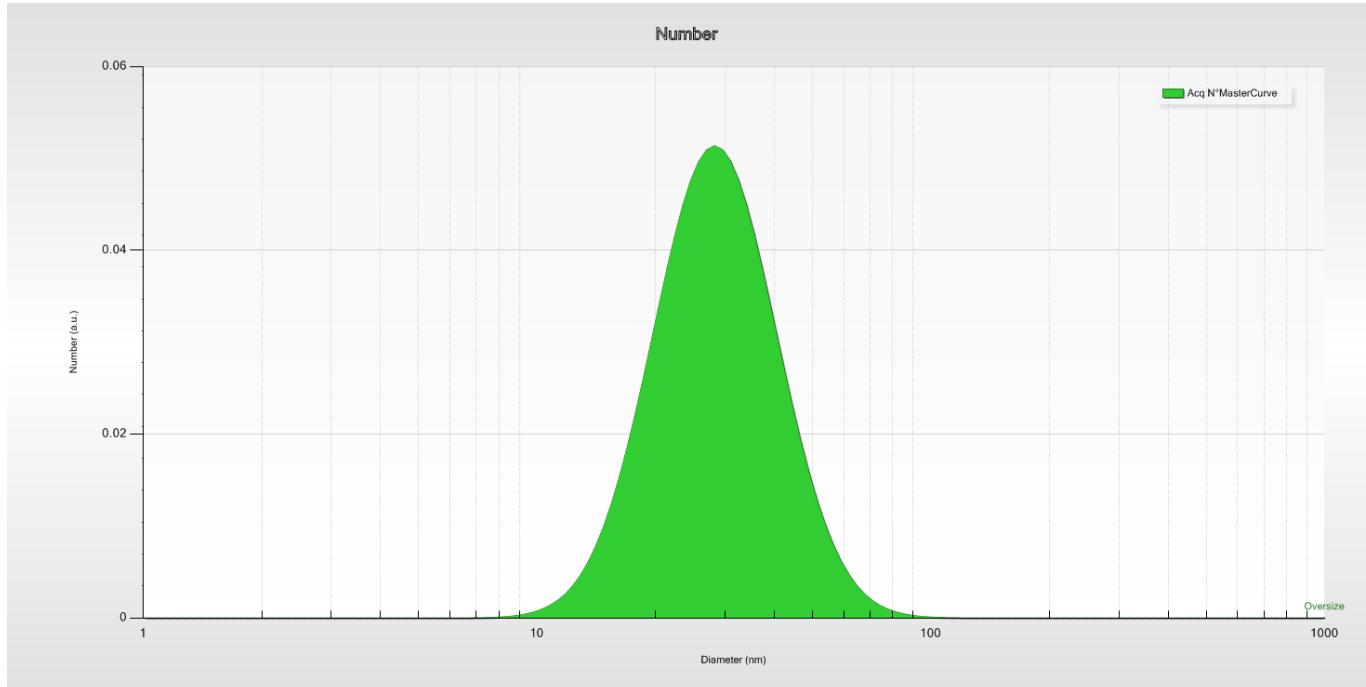


### Distribution statistics

**Di 10%:** 38.94 nm      **Di 50%:** 59.03 nm      **Di 90%:** 93.73 nm  
**Mean Intensity:** 64.28 nm      **PDI :** 0.54201      **Std Dev:** 36.81%

### Detected size(s)

Z average (nm)	Intensity	Decay Rate	Diffusion Coeff. (m <sup>2</sup> /s)
49.86	0.69	5211.67	98.59636E-013

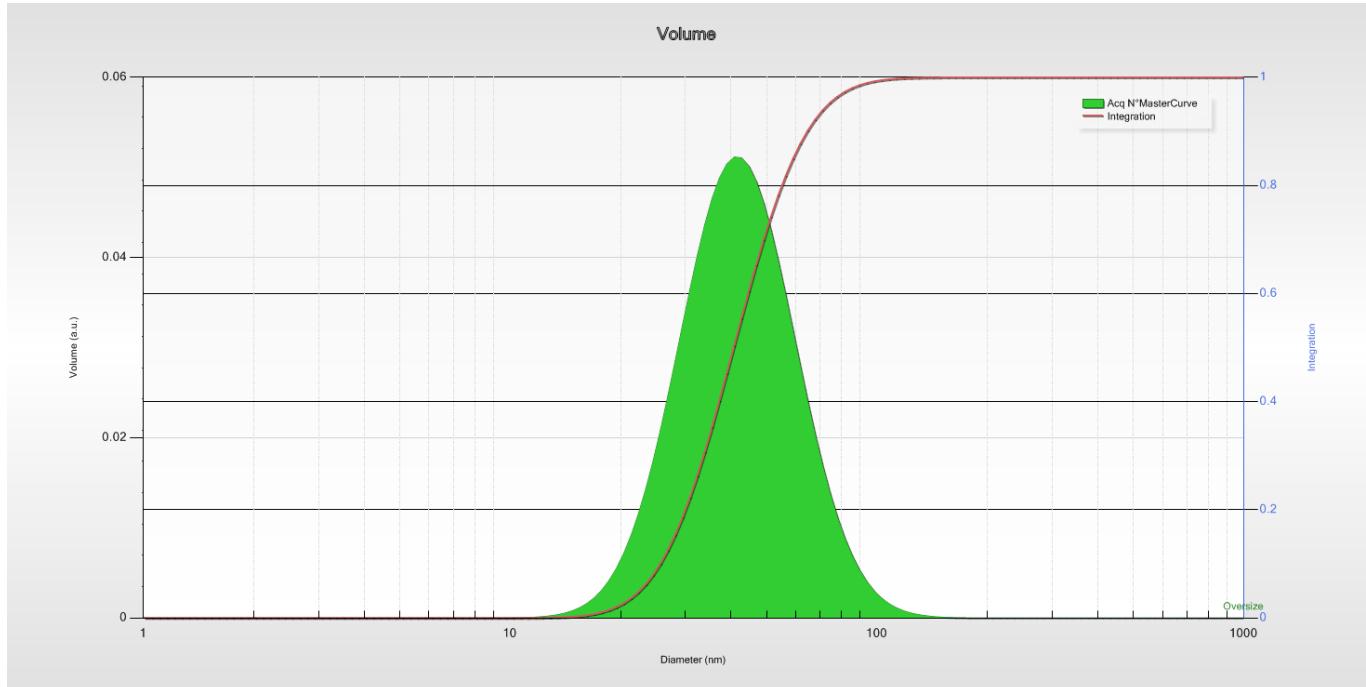


#### Distribution statistics

**Dn 10%:** 17.74 nm      **Dn 50%:** 28.17 nm      **Dn 90%:** 44.73 nm  
**Mean Number:** 30.11 nm      **PDI :** 0.54201      **Std Dev:** 36.81%

#### Detected size(s)

Z average (nm)	Intensity	Decay Rate	Diffusion Coeff. (m <sup>2</sup> /s)
49.86	0.69	5211.67	98.59636E-013

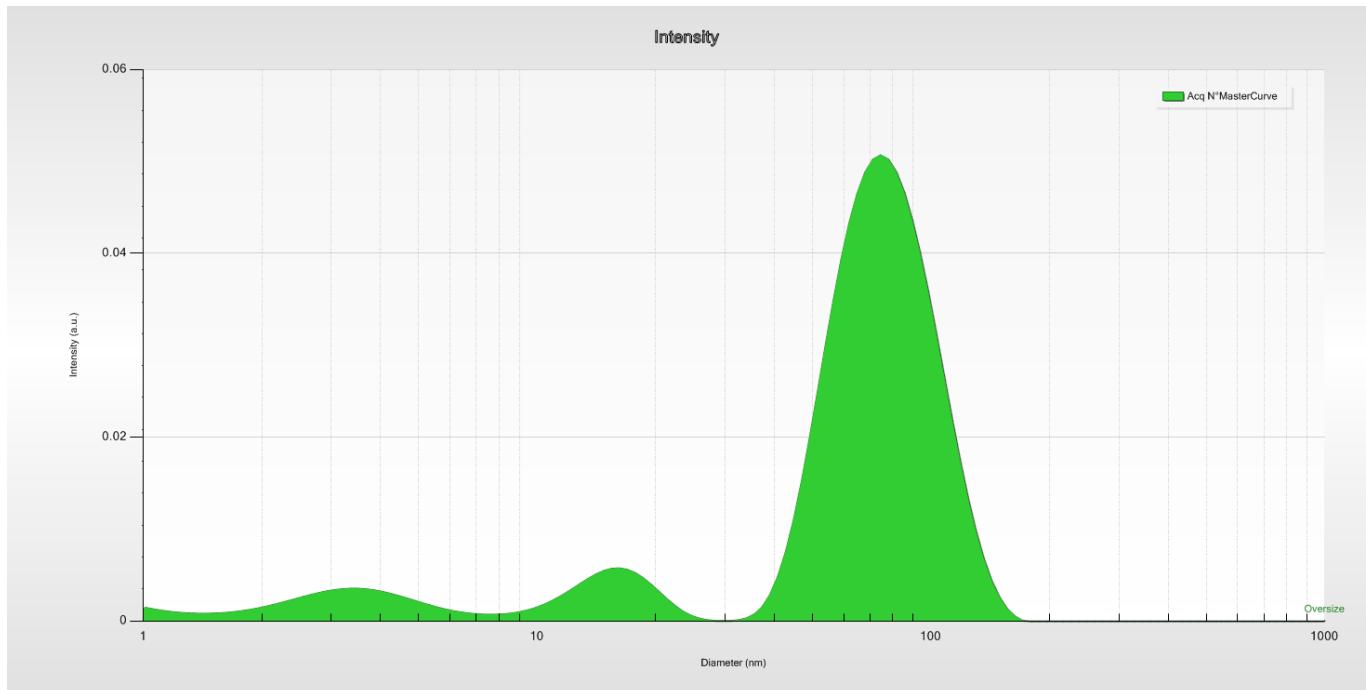


### Distribution statistics

**D<sub>v</sub> 10%:** 25.68 nm      **D<sub>v</sub> 50%:** 40.78 nm      **D<sub>v</sub> 90%:** 64.75 nm  
**Mean Volume:** 44.4 nm      **PDI :** 0.54201      **Std Dev:** 36.81%

### Detected size(s)

Z average (nm)	Intensity	Decay Rate	Diffusion Coeff. (m <sup>2</sup> /s)
49.86	0.69	5211.67	98.59636E-013



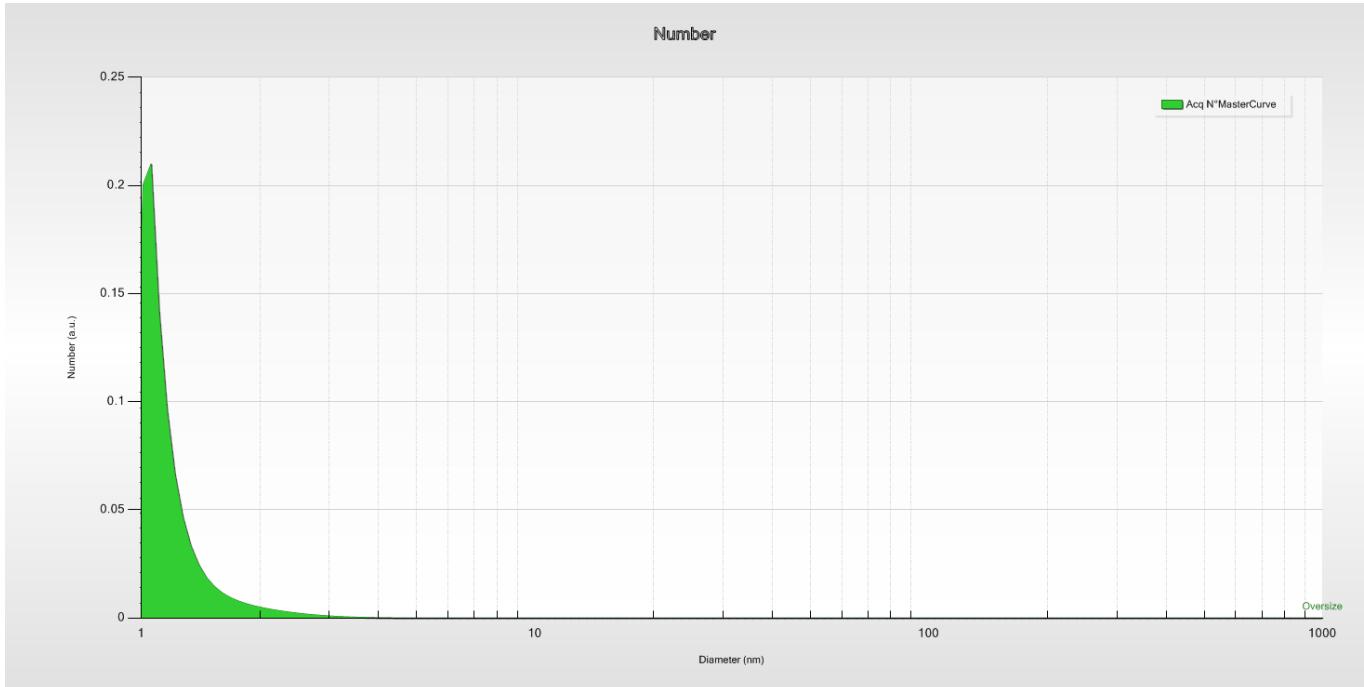
#### Distribution statistics

**Di 10%:** 12.26 nm      **Di 50%:** 71.02 nm      **Di 90%:** 107.68 nm

**Mean Intensity:** 67.09 nm

**Solution index:** 4

<b>Peak : 1</b>	<b>Mode:</b> 74.39 nm	<b>Mean:</b> 78.41 nm	<b>Dev.:</b> 28.82 %	<b>Intensity.:</b> 84.32 %
<b>Peak : 2</b>	<b>Mode:</b> 16.17 nm	<b>Mean:</b> 15.44 nm	<b>Dev.:</b> 24.87 %	<b>Intensity.:</b> 7.94 %
<b>Peak : 3</b>	<b>Mode:</b> 3.36 nm	<b>Mean:</b> 3.57 nm	<b>Dev.:</b> 39.11 %	<b>Intensity.:</b> 7.74 %



### Distribution statistics

**Dn 10%:** 1.01 nm

**Dn 50%:** 1.11 nm

**Dn 90%:** 1.46 nm

**Mean Number:** 1.18 nm

**Solution index:** 4

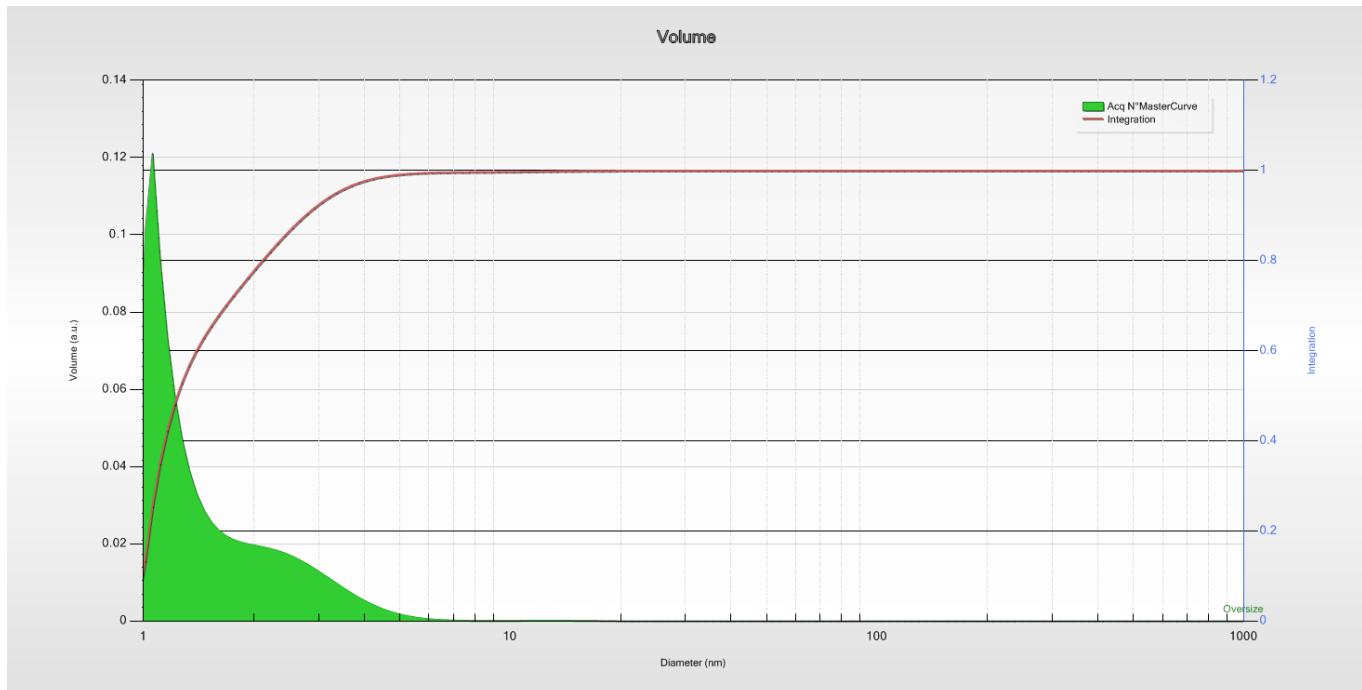
**Peak :** 1

**Mode:** 1.06 nm

**Mean:** 1.18 nm

**Dev.:** 25.22 %

**Intensity.:** 100 %



### Distribution statistics

**Dv 10%:** 1.01 nm

**Dv 50%:** 1.27 nm

**Dv 90%:** 2.79 nm

**Mean Volume:** 1.69 nm

**Solution index:** 4

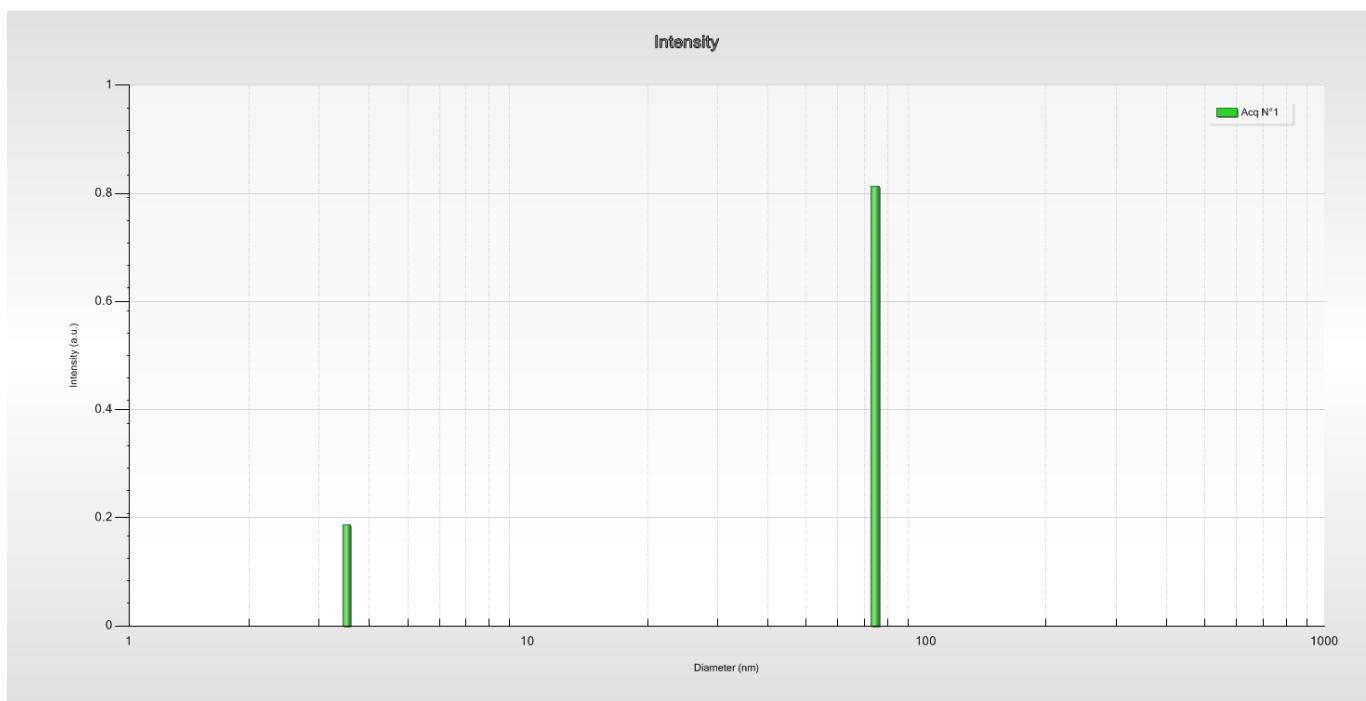
**Peak :** 1

**Mode:** 1.06 nm

**Mean:** 1.64 nm

**Dev.:** 51.75 %

**Intensity.:** 100 %

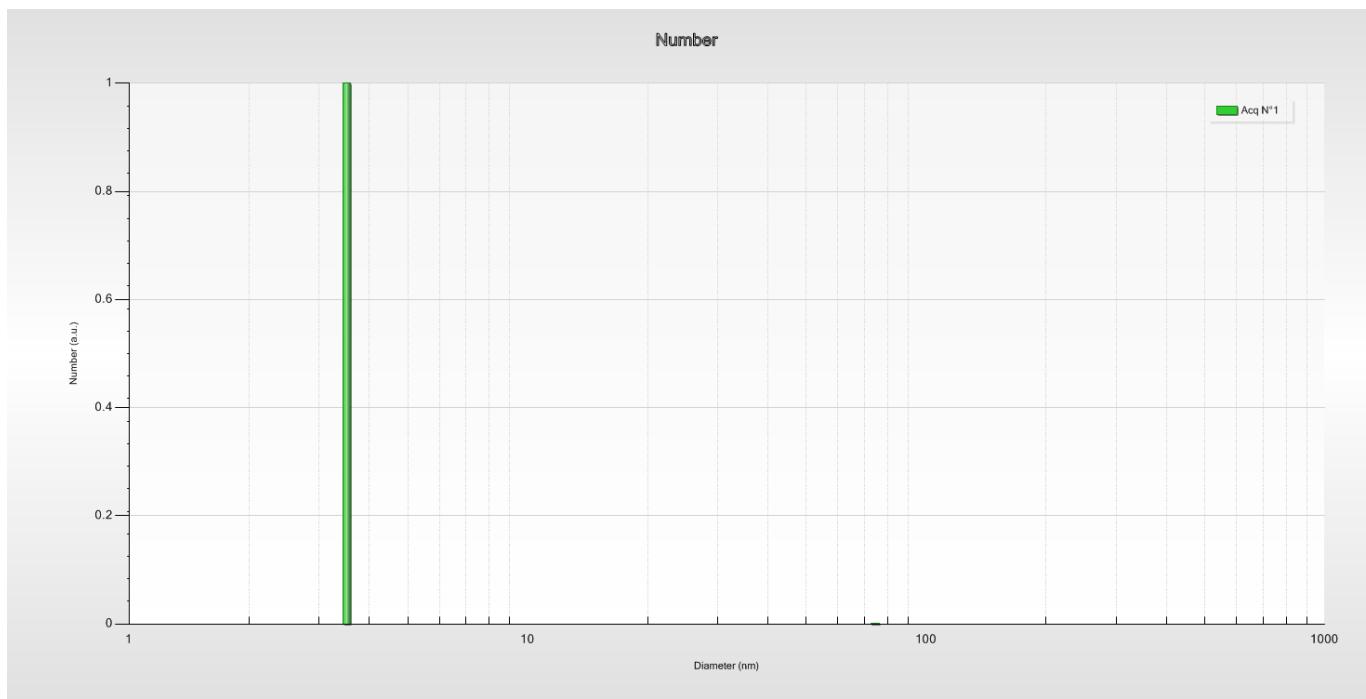


**Dispersion statistics**

**Di 10%:** 3.52 nm      **Di 50%:** 74.39 nm      **Di 90%:** 74.39 nm  
**Mean Intensity:** 61.14 nm

**Detected size(s)**

<b>Size (nm)</b>	<b>Intensity</b>	<b>Decay Rate</b>	<b>Diffusion Coeff. (m<sup>2</sup>/s)</b>
3.46	0.17	75035.42	14.19549E-011
73.21	0.74	3548.32	67.12839E-013

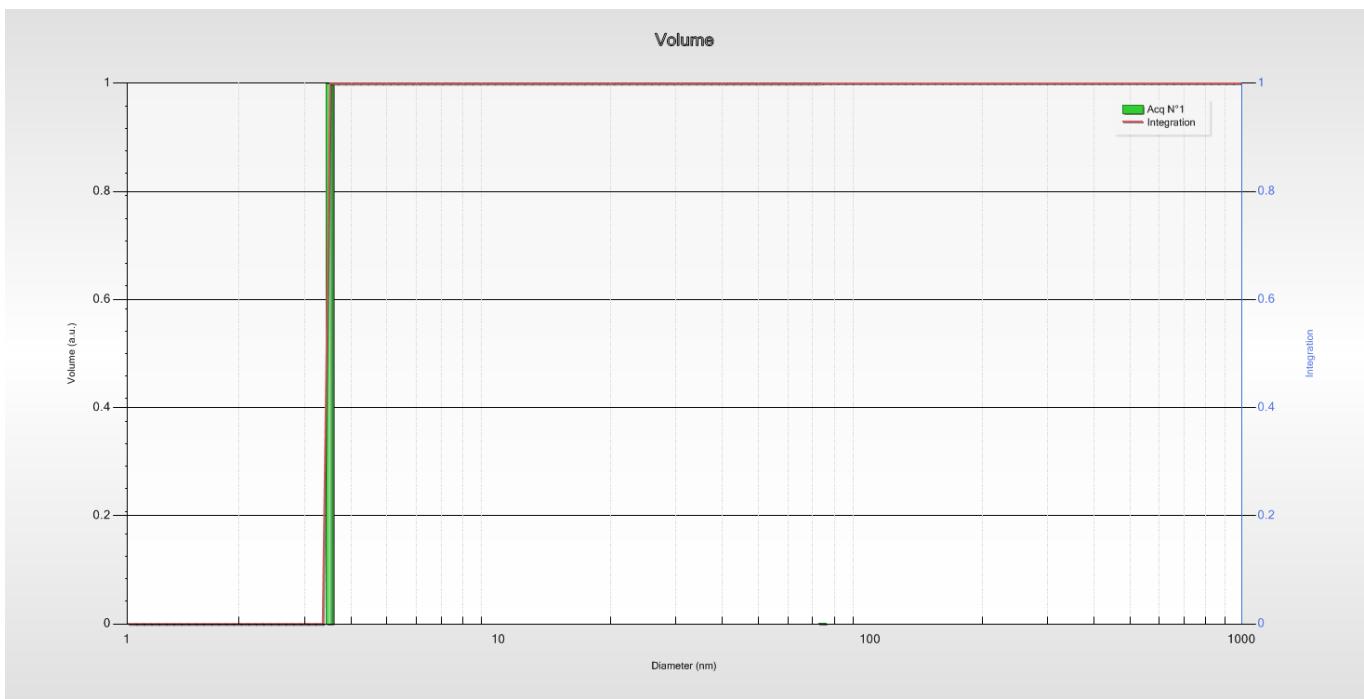


**Dispersion statistics**

**Dn 10%:** 3.52 nm      **Dn 50%:** 3.52 nm      **Dn 90%:** 3.52 nm  
**Mean Number:** 3.52 nm

**Detected size(s)**

<b>Size (nm)</b>	<b>Intensity</b>	<b>Decay Rate</b>	<b>Diffusion Coeff. (m<sup>2</sup>/s)</b>
3.46	0.17	75035.42	14.19549E-011
73.21	0.74	3548.32	67.12839E-013

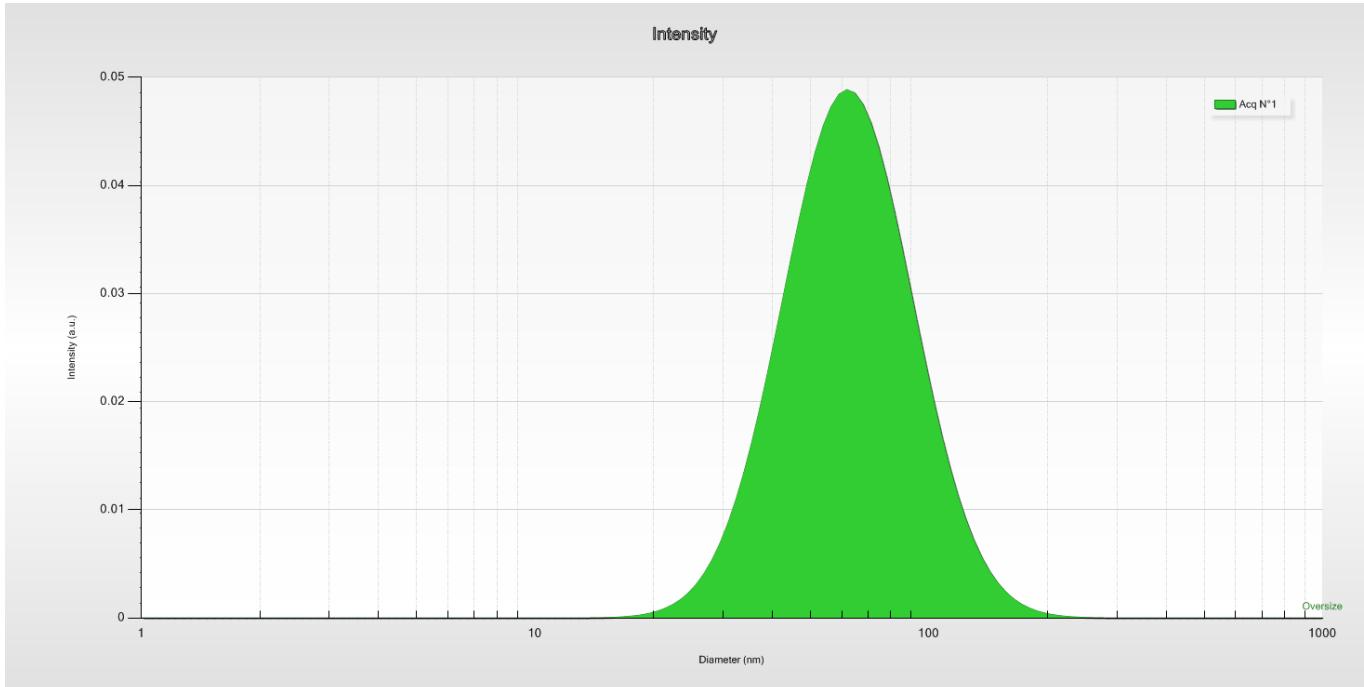


### Dispersion statistics

**D<sub>v</sub> 10%:** 3.52 nm      **D<sub>v</sub> 50%:** 3.52 nm      **D<sub>v</sub> 90%:** 3.52 nm  
**Mean Volume:** 3.55 nm

### Detected size(s)

Size (nm)	Intensity	Decay Rate	Diffusion Coeff. (m <sup>2</sup> /s)
3.46	0.17	75035.42	14.19549E-011
73.21	0.74	3548.32	67.12839E-013



### Distribution statistics

**Di 10%:** 38.94 nm

**Di 50%:** 61.83 nm

**Di 90%:** 102.81 nm

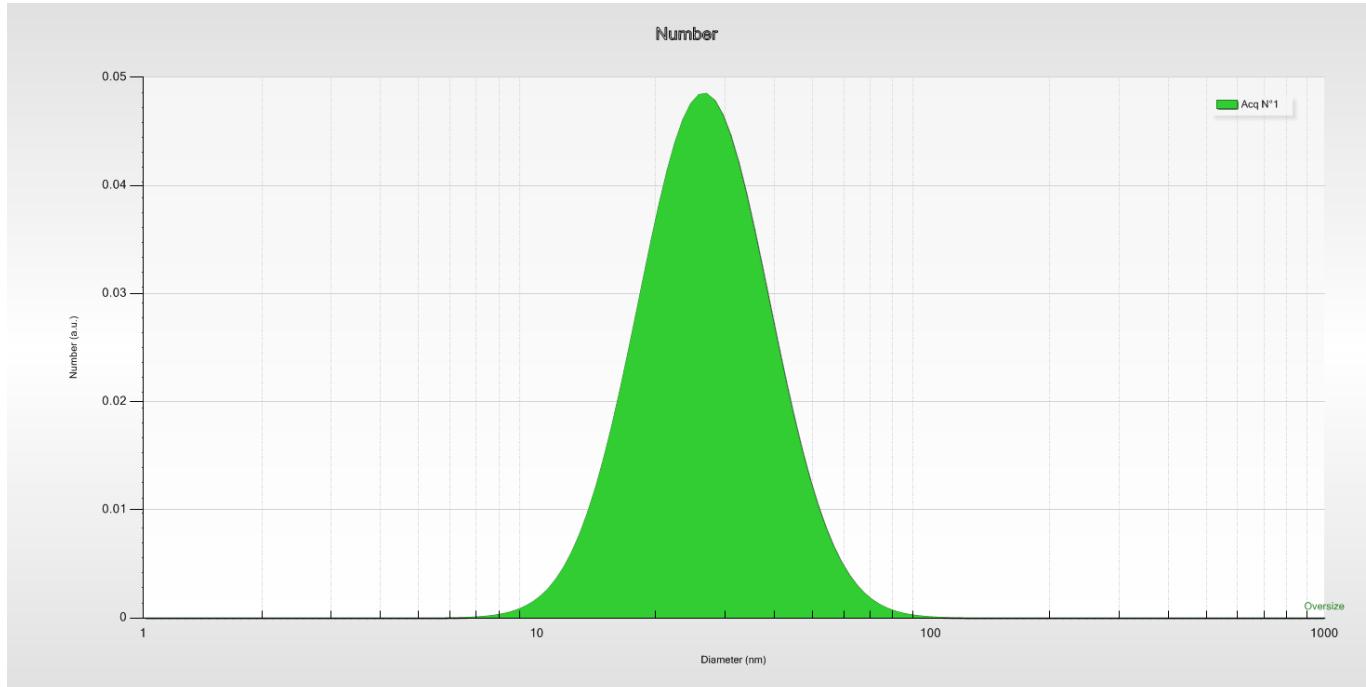
**Mean Intensity:** 66.67 nm

**PDI :** 0.61231

**Std Dev:** 39.13%

### Detected size(s)

Z average (nm)	Intensity	Decay Rate	Diffusion Coeff. (m <sup>2</sup> /s)
50.14	0.68	5181.69	98.02923E-013

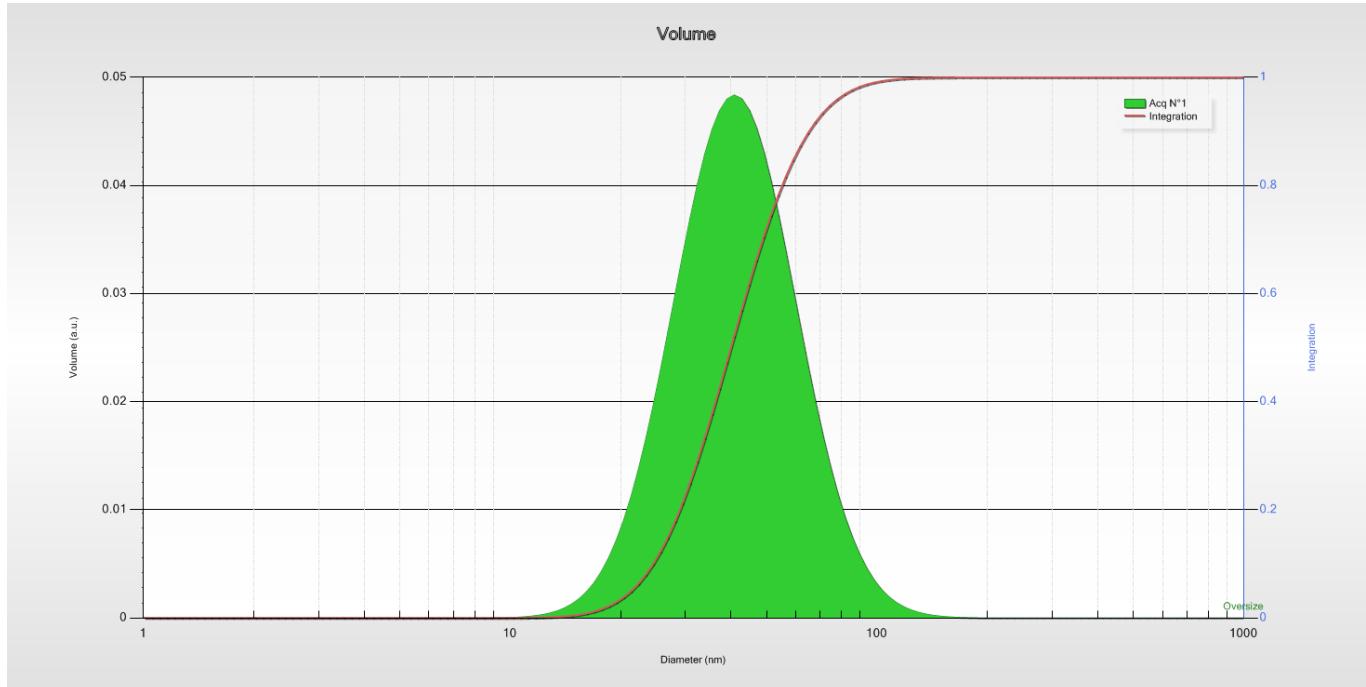


### Distribution statistics

**Dn 10%:** 16.17 nm      **Dn 50%:** 26.9 nm      **Dn 90%:** 42.71 nm  
**Mean Number:** 28.48 nm      **PDI :** 0.61231      **Std Dev:** 39.13%

### Detected size(s)

Z average (nm)	Intensity	Decay Rate	Diffusion Coeff. (m <sup>2</sup> /s)
50.14	0.68	5181.69	98.02923E-013

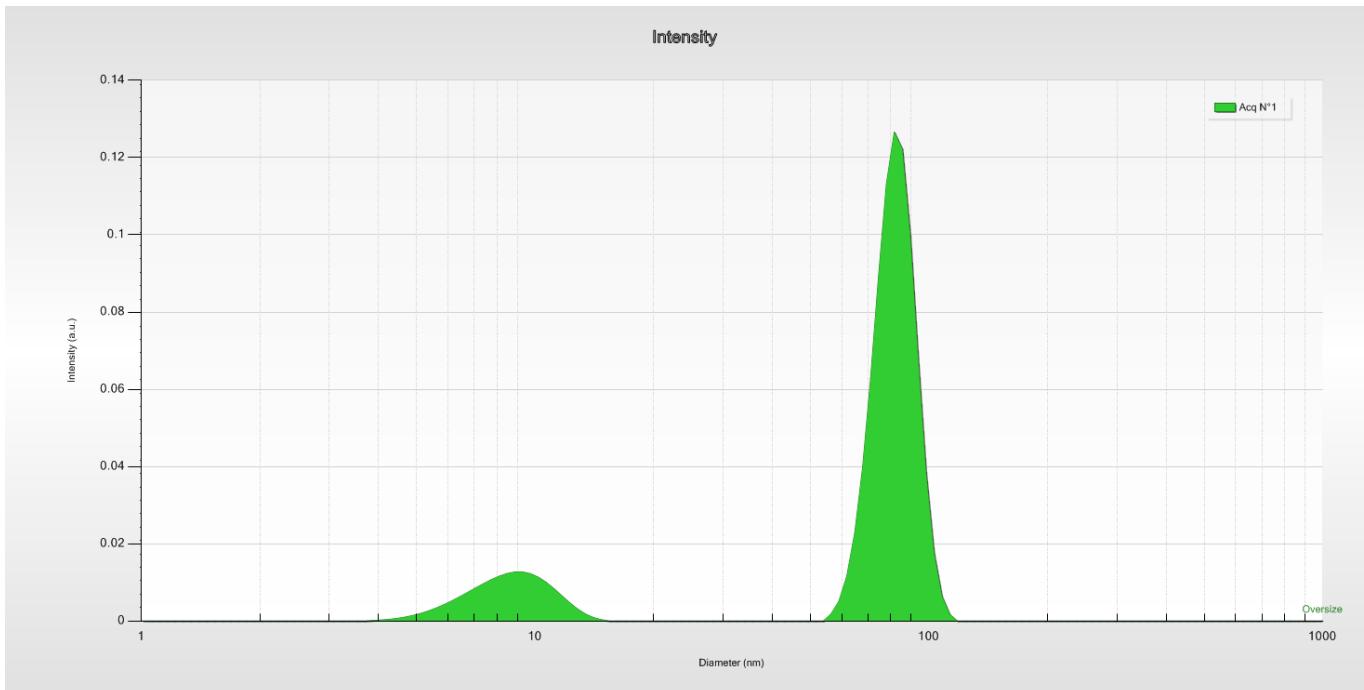


### Distribution statistics

**D<sub>v</sub> 10%:** 25.68 nm      **D<sub>v</sub> 50%:** 40.78 nm      **D<sub>v</sub> 90%:** 67.81 nm  
**Mean Volume:** 44.03 nm      **PDI** : 0.61231      **Std Dev:** 39.13%

### Detected size(s)

Z average (nm)	Intensity	Decay Rate	Diffusion Coeff. (m <sup>2</sup> /s)
50.14	0.68	5181.69	98.02923E-013



### Distribution statistics

**Di 10%:** 8.87 nm

**Di 50%:** 77.91 nm

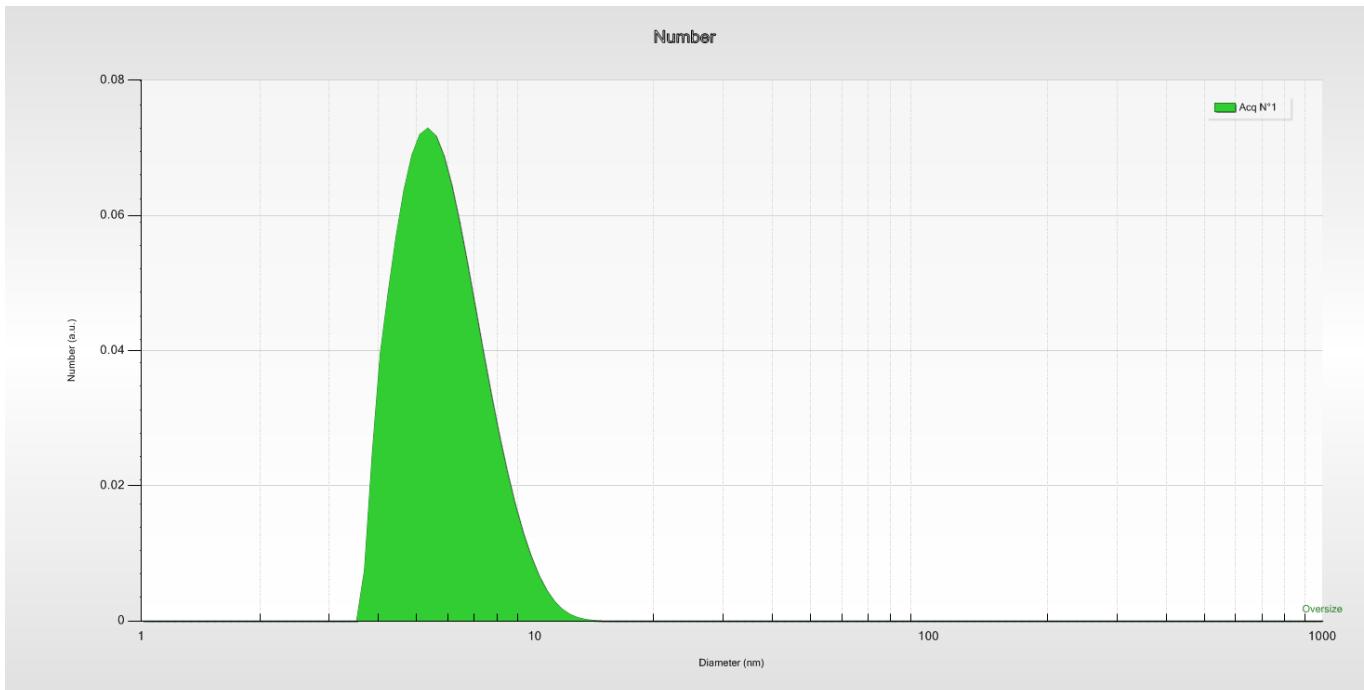
**Di 90%:** 93.73 nm

**Mean Intensity:** 69.33 nm

**Solution index:** 6

**Peak : 1** | **Mode:** 81.59 nm    **Mean:** 81.99 nm    **Dev.:** 12.47 %    **Intensity.:** 82.8 %

**Peak : 2** | **Mode:** 8.87 nm    **Mean:** 8.7 nm    **Dev.:** 23.82 %    **Intensity.:** 17.2 %



### Distribution statistics

**Dn 10%:** 4.23 nm

**Dn 50%:** 5.58 nm

**Dn 90%:** 8.08 nm

**Mean Number:** 5.92 nm

**Solution index:** 6

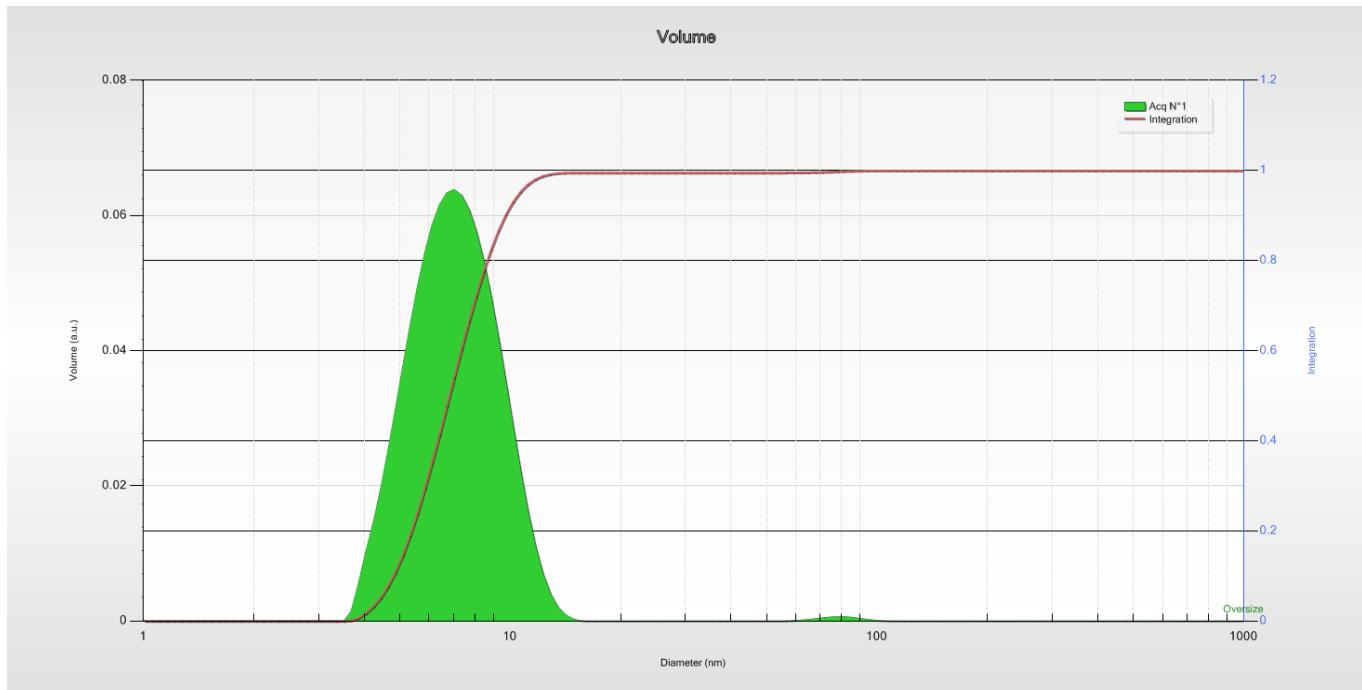
**Peak :** 1

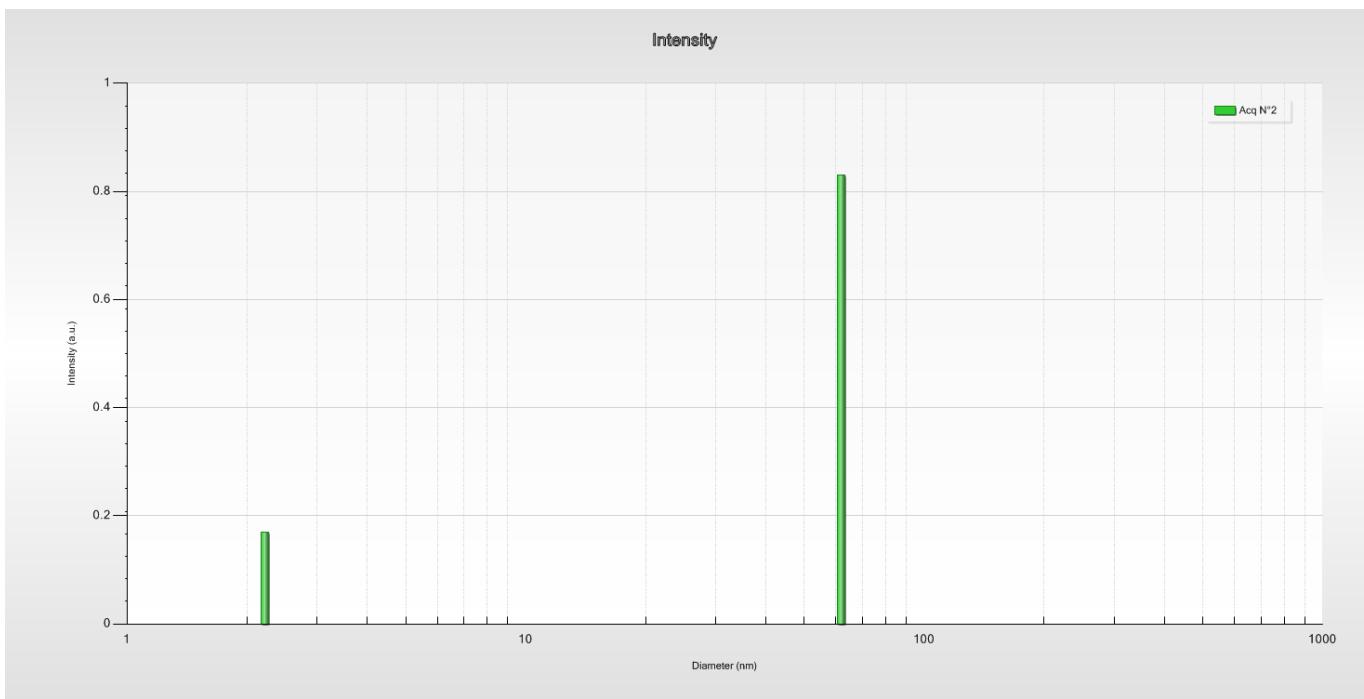
**Mode:** 5.33 nm

**Mean:** 5.92 nm

**Dev.:** 25.84 %

**Intensity.:** 100 %

**Distribution statistics****Dv 10%:** 4.86 nm**Dv 50%:** 7.04 nm**Dv 90%:** 9.73 nm**Mean Volume:** 7.55 nm**Solution index:** 6**Peak :** 1**Mode:** 7.04 nm**Mean:** 7.23 nm**Dev.:** 26.8 %**Intensity.:** 100 %

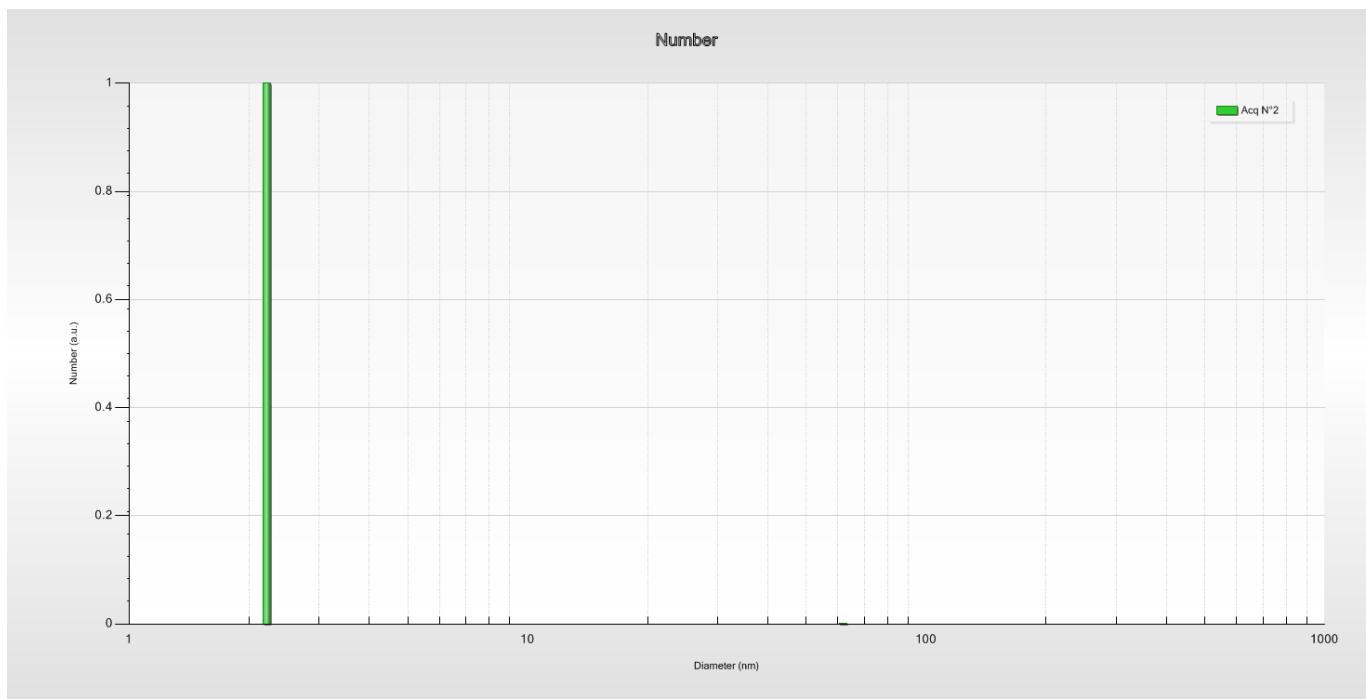


**Dispersion statistics**

**Di 10%:** 2.22 nm      **Di 50%:** 61.83 nm      **Di 90%:** 61.83 nm  
**Mean Intensity:** 51.7 nm

**Detected size(s)**

<b>Size (nm)</b>	<b>Intensity</b>	<b>Decay Rate</b>	<b>Diffusion Coeff. (m<sup>2</sup>/s)</b>
2.17	0.15	119875.72	22.67855E-011
61.24	0.76	4242.4	80.25937E-013

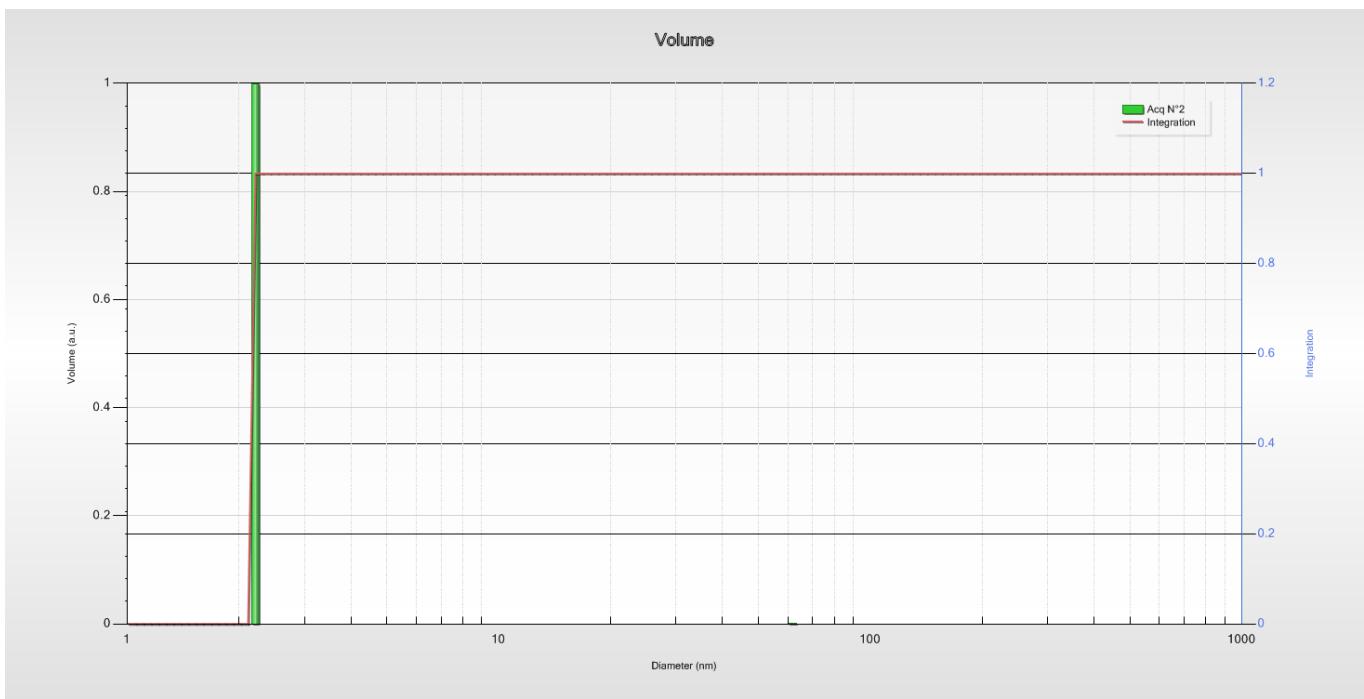


### **Dispersion statistics**

**Dn 10%:** 2.22 nm      **Dn 50%:** 2.22 nm      **Dn 90%:** 2.22 nm  
**Mean Number:** 2.22 nm

### **Detected size(s)**

<b>Size (nm)</b>	<b>Intensity</b>	<b>Decay Rate</b>	<b>Diffusion Coeff. (m<sup>2</sup>/s)</b>
2.17	0.15	119875.72	22.67855E-011
61.24	0.76	4242.4	80.25937E-013

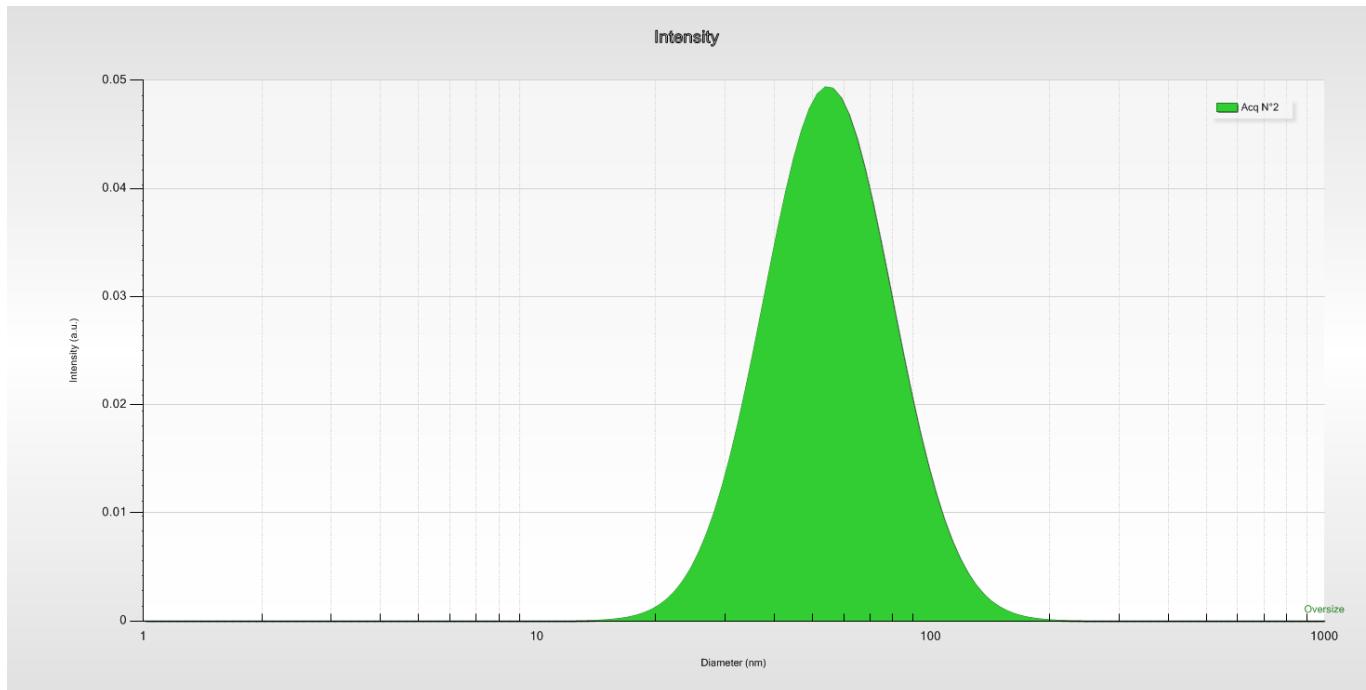


### Dispersion statistics

D<sub>v</sub> 10%: 2.22 nm      D<sub>v</sub> 50%: 2.22 nm      D<sub>v</sub> 90%: 2.22 nm  
Mean Volume: 2.23 nm

### Detected size(s)

Size (nm)	Intensity	Decay Rate	Diffusion Coeff. (m <sup>2</sup> /s)
2.17	0.15	119875.72	22.67855E-011
61.24	0.76	4242.4	80.25937E-013

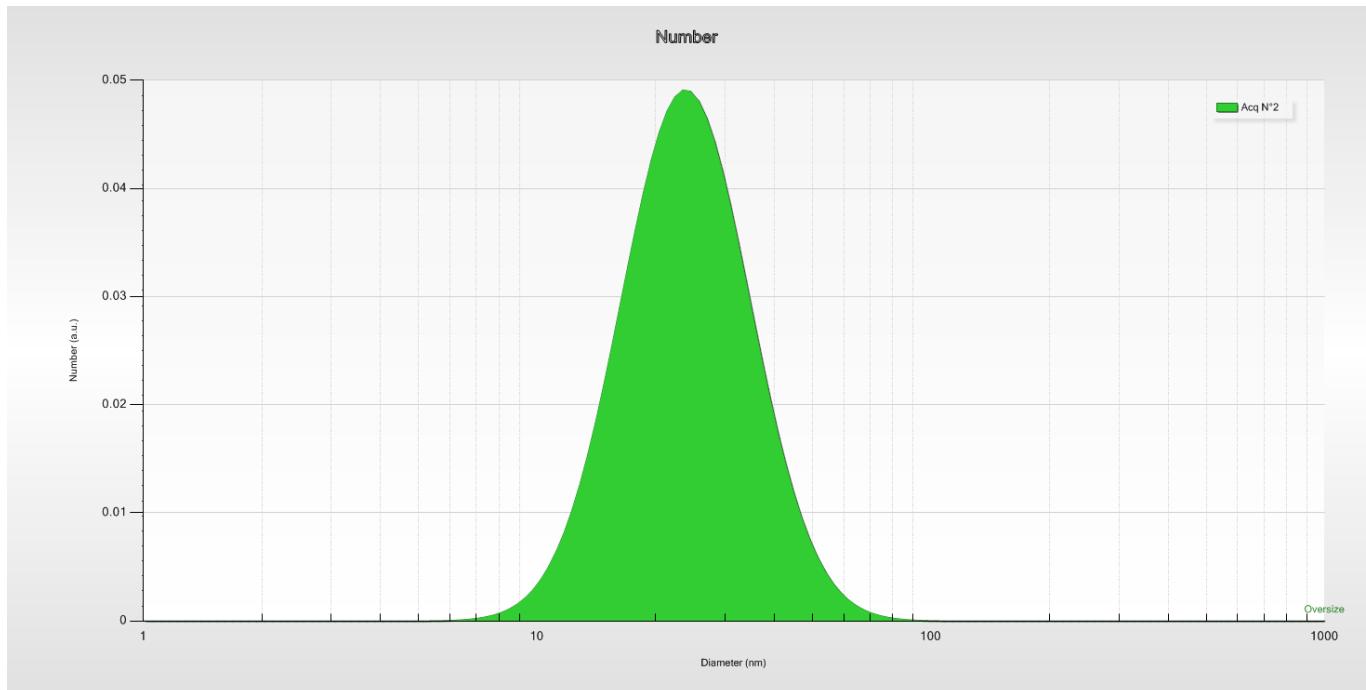


### Distribution statistics

**Di 10%:** 33.89 nm      **Di 50%:** 53.82 nm      **Di 90%:** 89.5 nm  
**Mean Intensity:** 58.65 nm      **PDI :** 0.59719      **Std Dev:** 38.64%

### Detected size(s)

Z average (nm)	Intensity	Decay Rate	Diffusion Coeff. (m <sup>2</sup> /s)
44.39	0.68	5851.76	11.07059E-012

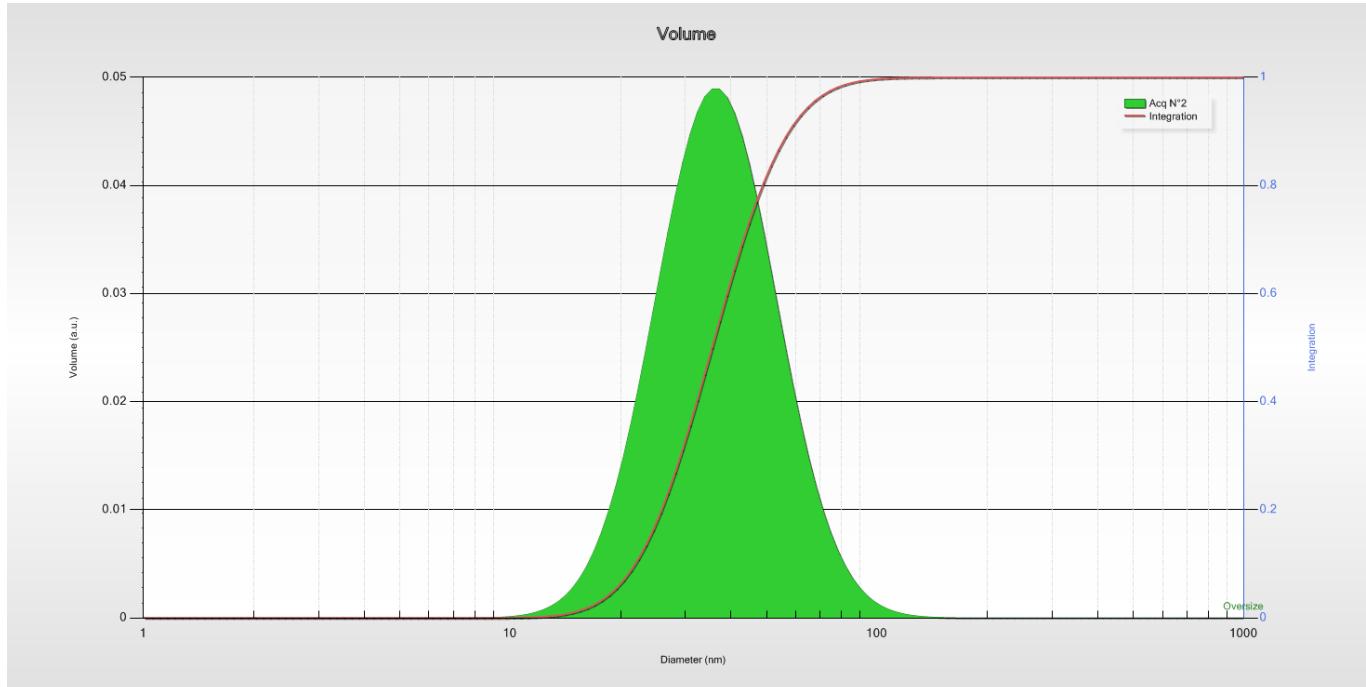


### Distribution statistics

**Dn 10%:** 14.75 nm      **Dn 50%:** 23.41 nm      **Dn 90%:** 38.94 nm  
**Mean Number:** 25.53 nm      **PDI :** 0.59719      **Std Dev:** 38.64%

### Detected size(s)

Z average (nm)	Intensity	Decay Rate	Diffusion Coeff. (m <sup>2</sup> /s)
44.39	0.68	5851.76	11.07059E-012

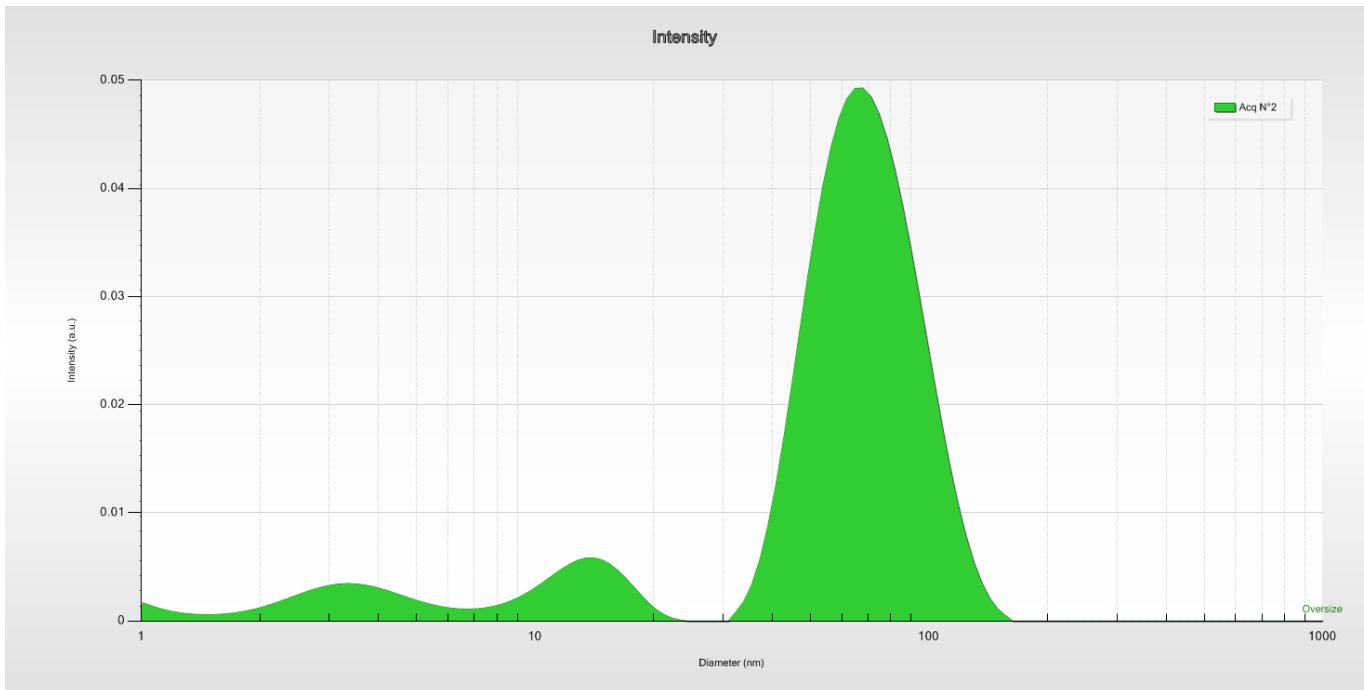


### Distribution statistics

**D<sub>v</sub> 10%:** 22.36 nm      **D<sub>v</sub> 50%:** 37.18 nm      **D<sub>v</sub> 90%:** 59.03 nm  
**Mean Volume:** 39.03 nm      **Std Dev:** 38.64%  
**PDI** : 0.59719

### Detected size(s)

Z average (nm)	Intensity	Decay Rate	Diffusion Coeff. (m <sup>2</sup> /s)
44.39	0.68	5851.76	11.07059E-012



### Distribution statistics

**Di 10%:** 11.17 nm      **Di 50%:** 61.83 nm      **Di 90%:** 98.17 nm

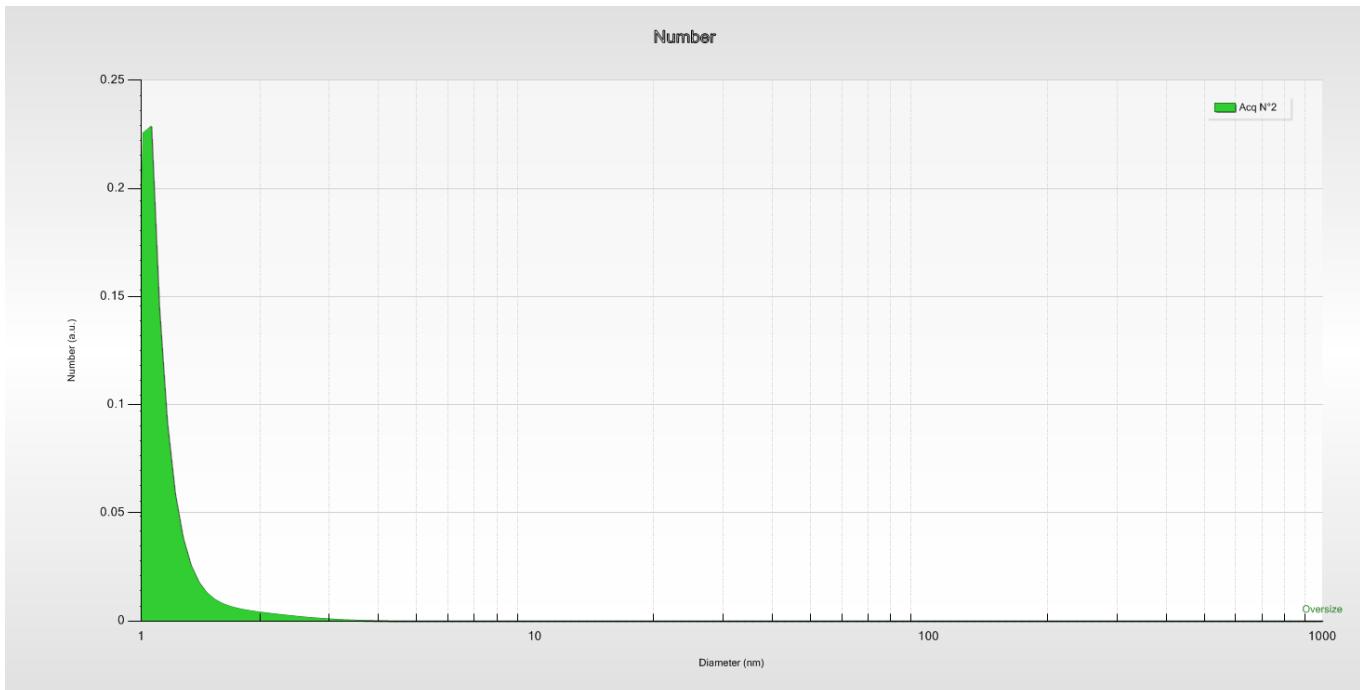
**Mean Intensity:** 61.43 nm

**Solution index:** 4

**Peak : 1** | **Mode:** 67.81 nm    **Mean:** 71.42 nm    **Dev.:** 29.99 %    **Intensity.:** 84.8 %

**Peak : 2** | **Mode:** 14.08 nm    **Mean:** 13.14 nm    **Dev.:** 25.42 %    **Intensity.:** 8.33 %

**Peak : 3** | **Mode:** 3.36 nm    **Mean:** 3.54 nm    **Dev.:** 34.84 %    **Intensity.:** 6.87 %



### Distribution statistics

**Dn 10%:** 1.01 nm

**Dn 50%:** 1.06 nm

**Dn 90%:** 1.33 nm

**Mean Number:** 1.15 nm

**Solution index:** 4

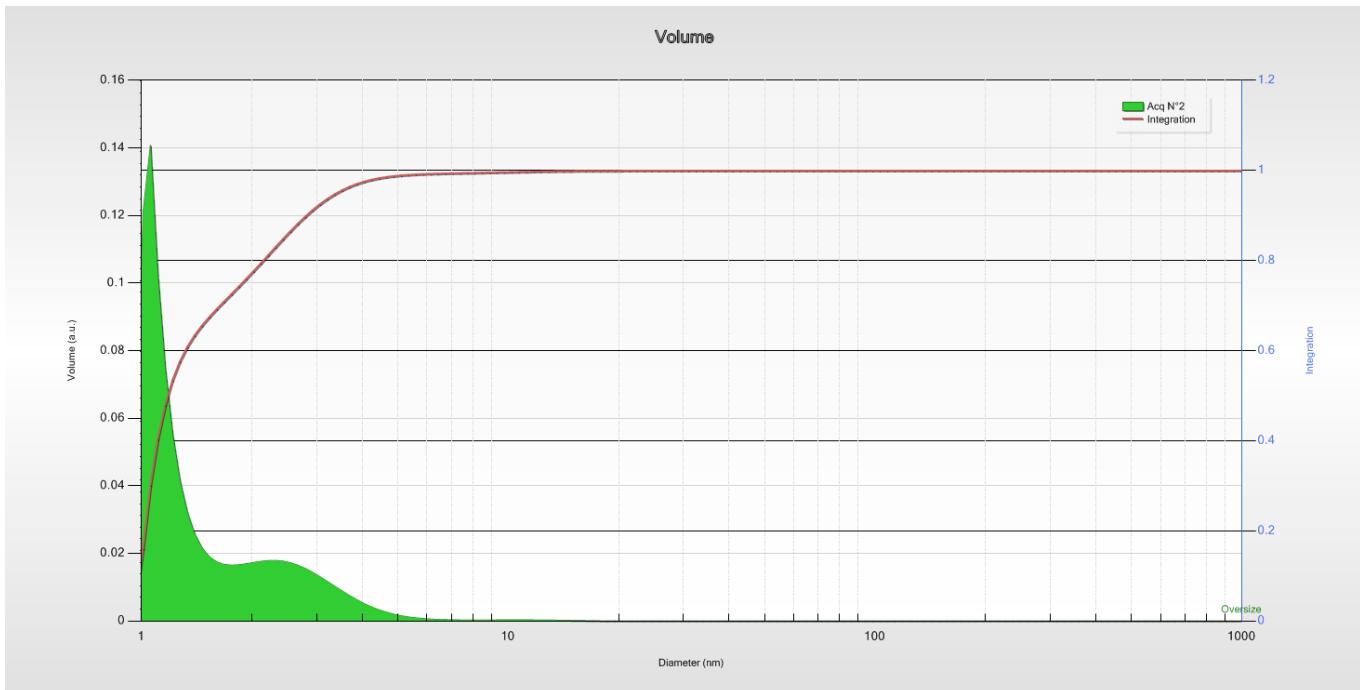
**Peak :** 1

**Mode:** 1.06 nm

**Mean:** 1.15 nm

**Dev.:** 24.75 %

**Intensity.:** 100 %



### Distribution statistics

**Dv 10%:** 1.01 nm

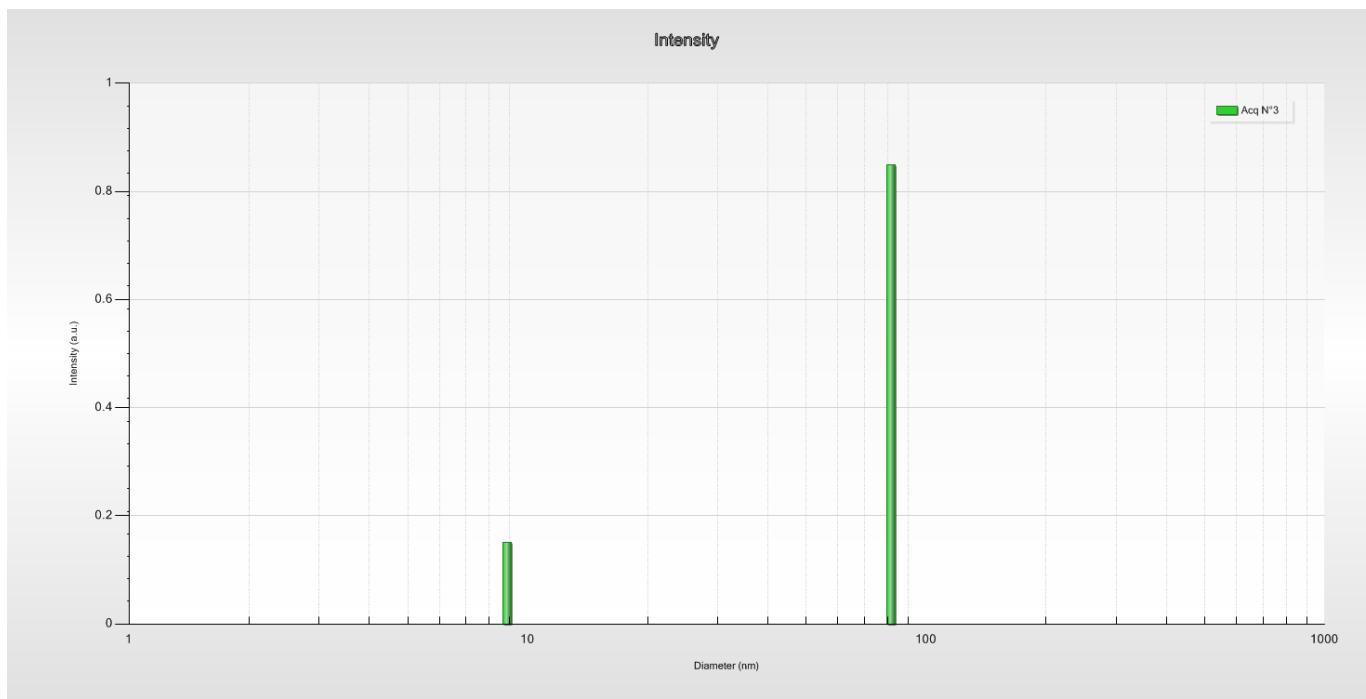
**Dv 50%:** 1.21 nm

**Dv 90%:** 2.92 nm

**Mean Volume:** 1.69 nm

**Solution index:** 4

<b>Peak : 1</b>	<b>  Mode:</b> 1.06 nm	<b>Mean:</b> 1.18 nm	<b>Dev.:</b> 16.75 %	<b>Intensity.:</b> 71.73 %
<b>Peak : 2</b>	<b>  Mode:</b> 2.32 nm	<b>Mean:</b> 2.73 nm	<b>Dev.:</b> 32.67 %	<b>Intensity.:</b> 28.27 %

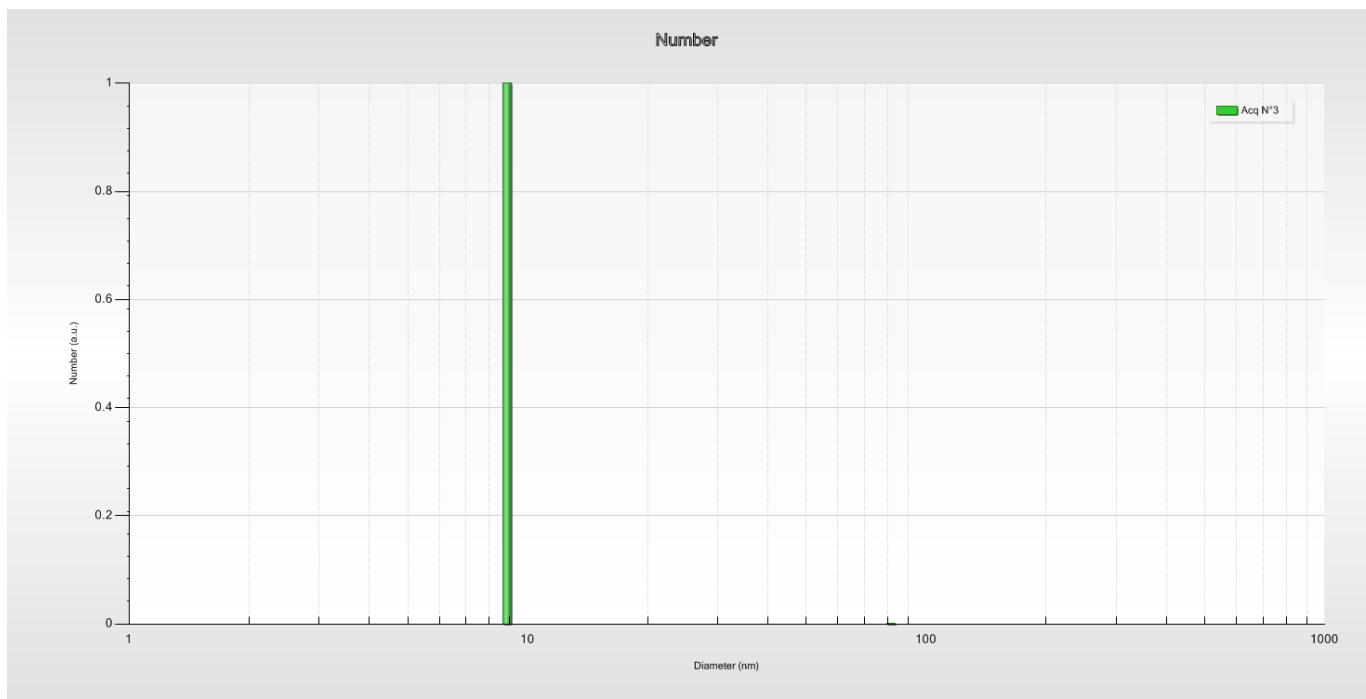


#### Dispersion statistics

**Di 10%:** 8.87 nm      **Di 50%:** 81.59 nm      **Di 90%:** 81.59 nm  
**Mean Intensity:** 70.63 nm

#### Detected size(s)

Size (nm)	Intensity	Decay Rate	Diffusion Coeff. (m <sup>2</sup> /s)
0.62	0.1	417712.17	79.02438E-011
8.85	0.13	29362.12	55.54837E-012
80.86	0.72	3212.59	60.77709E-013

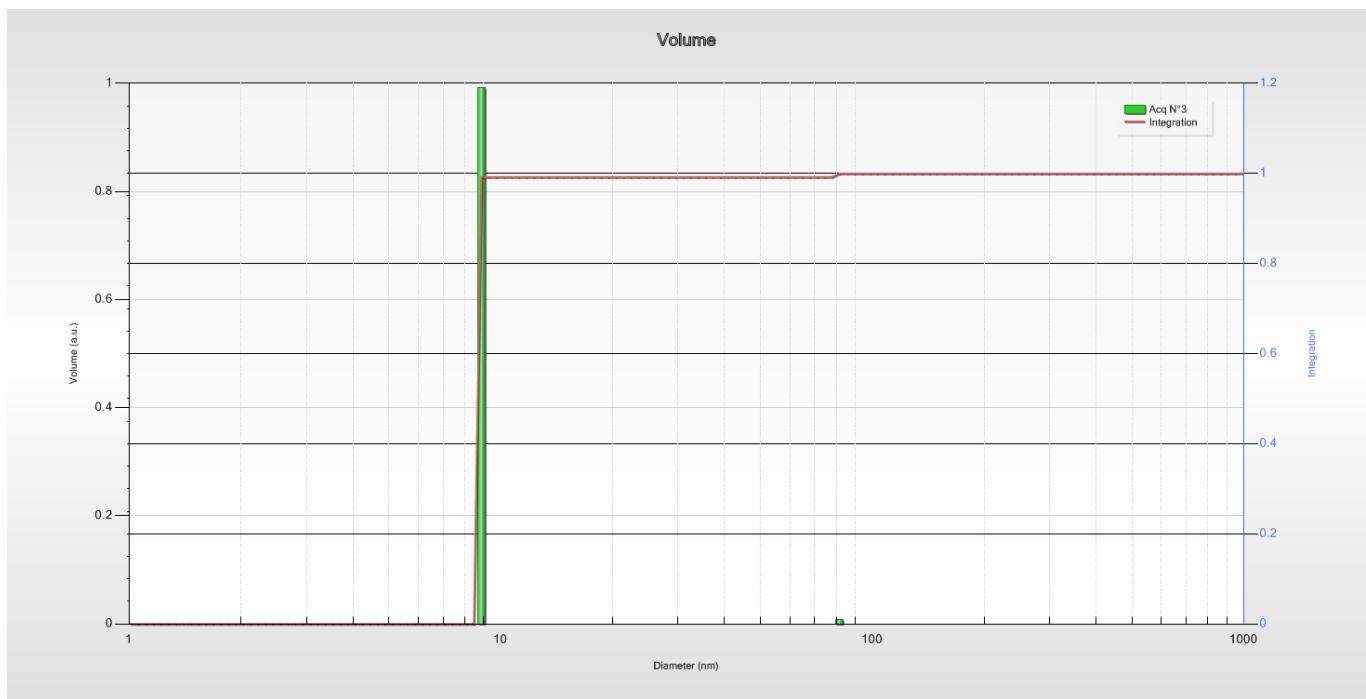


**Dispersion statistics**

**Dn 10%:** 8.87 nm      **Dn 50%:** 8.87 nm      **Dn 90%:** 8.87 nm  
**Mean Number:** 8.87 nm

**Detected size(s)**

<b>Size (nm)</b>	<b>Intensity</b>	<b>Decay Rate</b>	<b>Diffusion Coeff. (m<sup>2</sup>/s)</b>
0.62	0.1	417712.17	79.02438E-011
8.85	0.13	29362.12	55.54837E-012
80.86	0.72	3212.59	60.77709E-013

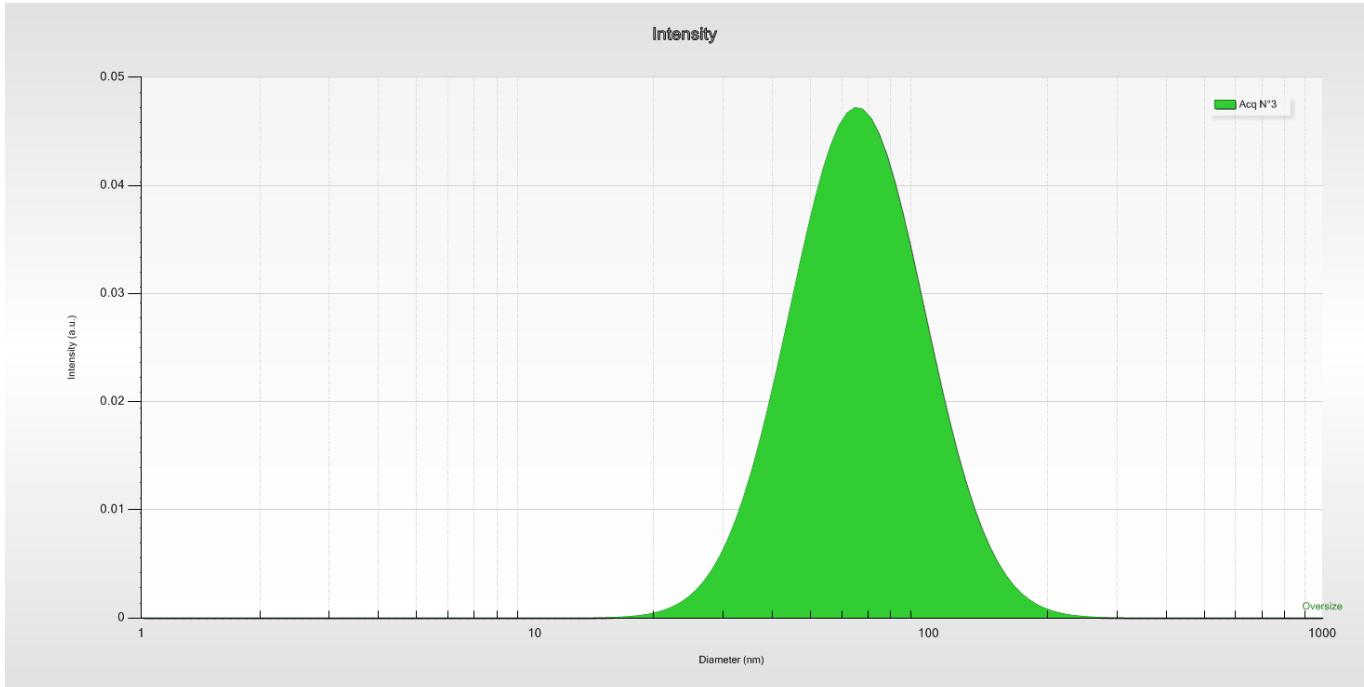


### Dispersion statistics

**D<sub>v</sub> 10%:** 8.87 nm      **D<sub>v</sub> 50%:** 8.87 nm      **D<sub>v</sub> 90%:** 8.87 nm  
**Mean Volume:** 9.43 nm

### Detected size(s)

Size (nm)	Intensity	Decay Rate	Diffusion Coeff. (m <sup>2</sup> /s)
0.62	0.1	417712.17	79.02438E-011
8.85	0.13	29362.12	55.54837E-012
80.86	0.72	3212.59	60.77709E-013



### Distribution statistics

**Di 10%:** 38.94 nm

**Di 50%:** 64.75 nm

**Di 90%:** 107.68 nm

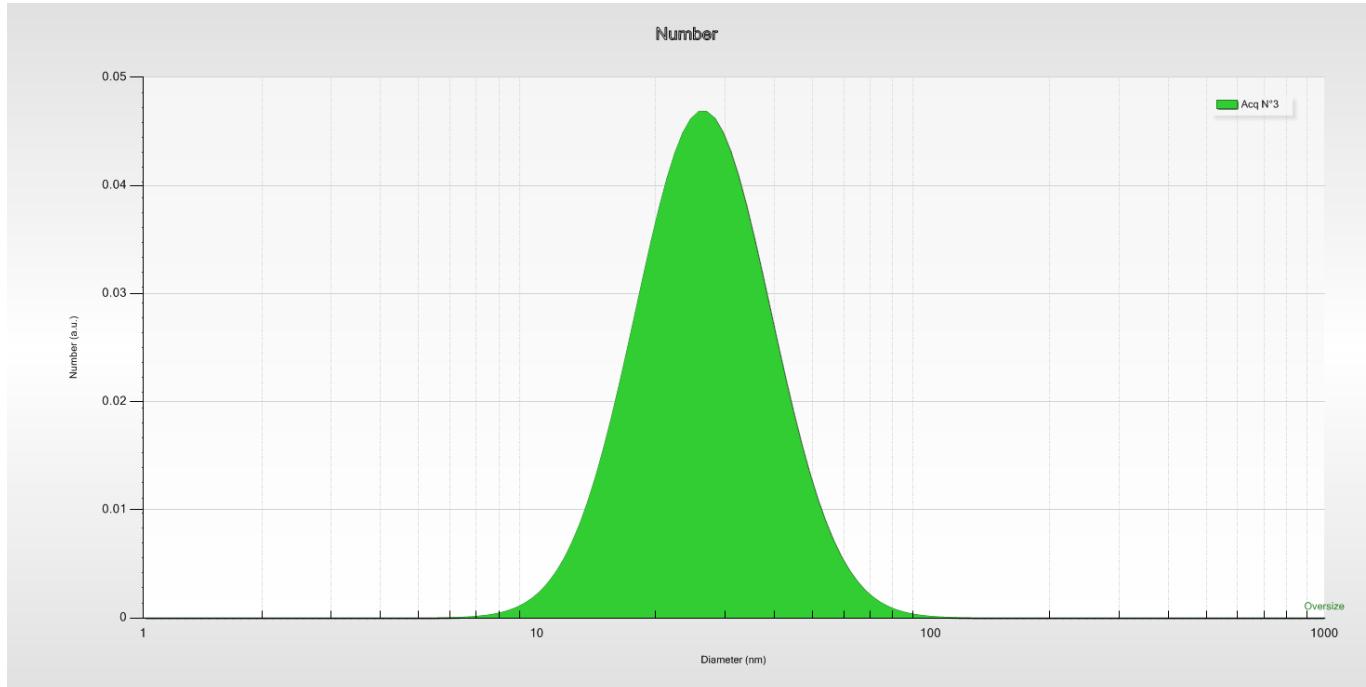
**Mean Intensity:** 70.8 nm

**PDI :** 0.65885

**Std Dev:** 40.58%

### Detected size(s)

Z average (nm)	Intensity	Decay Rate	Diffusion Coeff. (m <sup>2</sup> /s)
52.18	0.71	4978.46	94.18435E-013

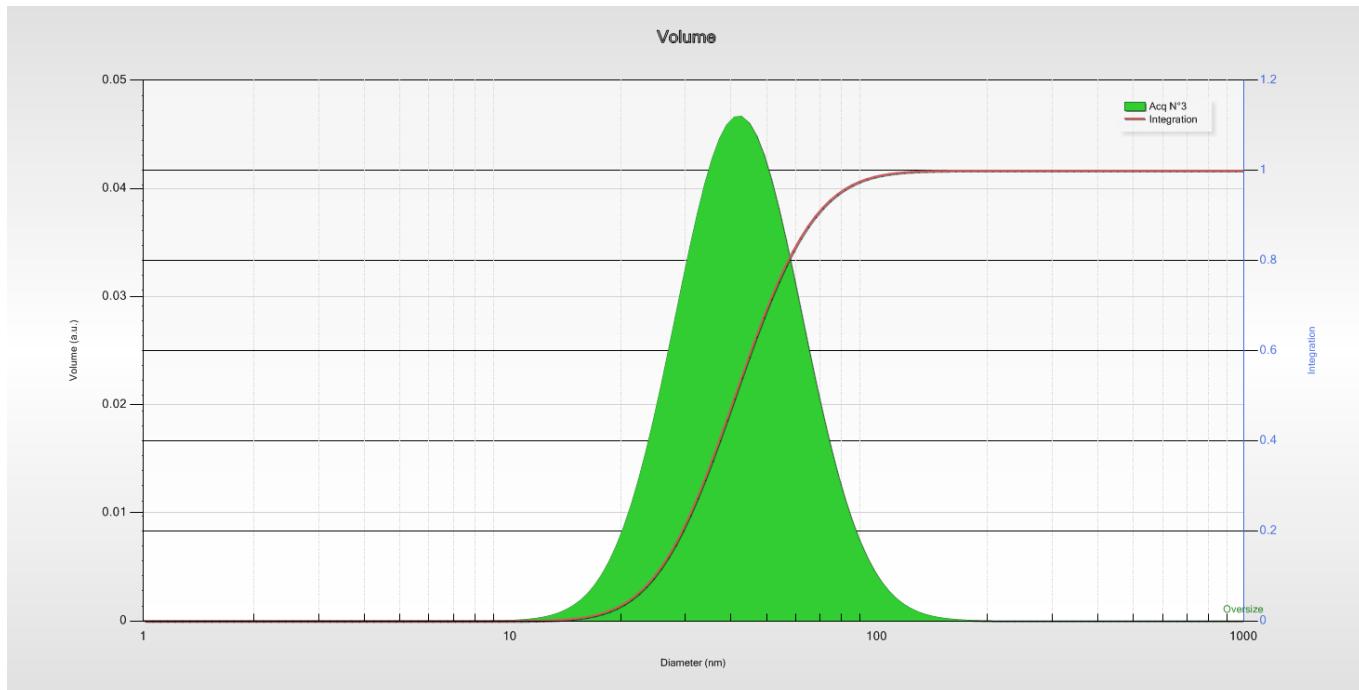


### Distribution statistics

**Dn 10%:** 16.17 nm      **Dn 50%:** 26.9 nm      **Dn 90%:** 42.71 nm  
**Mean Number:** 28.49 nm      **PDI :** 0.65885      **Std Dev:** 40.58%

### Detected size(s)

Z average (nm)	Intensity	Decay Rate	Diffusion Coeff. (m <sup>2</sup> /s)
52.18	0.71	4978.46	94.18435E-013

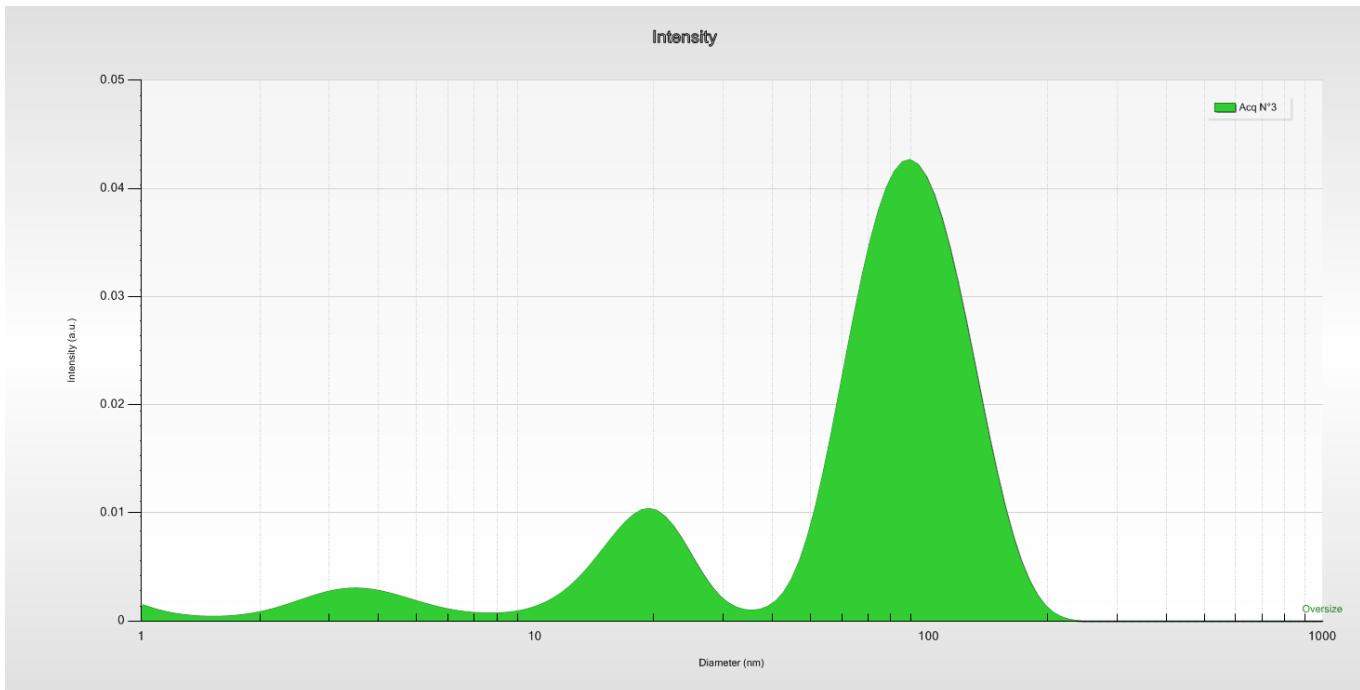


### Distribution statistics

**D<sub>v</sub> 10%:** 25.68 nm      **D<sub>v</sub> 50%:** 42.71 nm      **D<sub>v</sub> 90%:** 71.02 nm  
**Mean Volume:** 45.43 nm      **Std Dev:** 40.58%  
**PDI** : 0.65885

### Detected size(s)

Z average (nm)	Intensity	Decay Rate	Diffusion Coeff. (m <sup>2</sup> /s)
52.18	0.71	4978.46	94.18435E-013



#### Distribution statistics

**Di 10%:** 14.75 nm      **Di 50%:** 77.91 nm      **Di 90%:** 129.55 nm

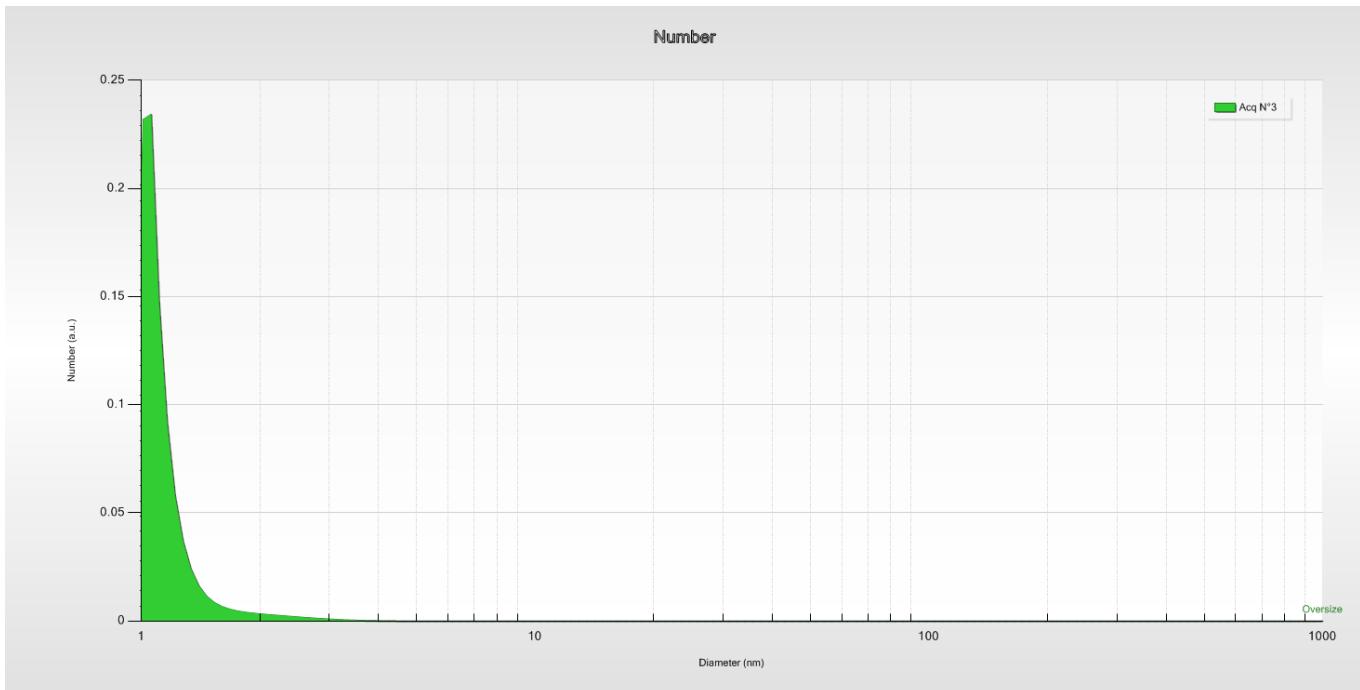
**Mean Intensity:** 75.99 nm

**Solution index:** 4

**Peak : 1** | **Mode:** 89.5 nm    **Mean:** 93.7 nm    **Dev.:** 32.11 %    **Intensity.:** 78.21 %

**Peak : 2** | **Mode:** 19.46 nm    **Mean:** 19.01 nm    **Dev.:** 28.52 %    **Intensity.:** 15.74 %

**Peak : 3** | **Mode:** 3.52 nm    **Mean:** 3.8 nm    **Dev.:** 36.33 %    **Intensity.:** 6.05 %



### Distribution statistics

**Dn 10%:** 1.01 nm

**Dn 50%:** 1.06 nm

**Dn 90%:** 1.33 nm

**Mean Number:** 1.14 nm

**Solution index:** 4

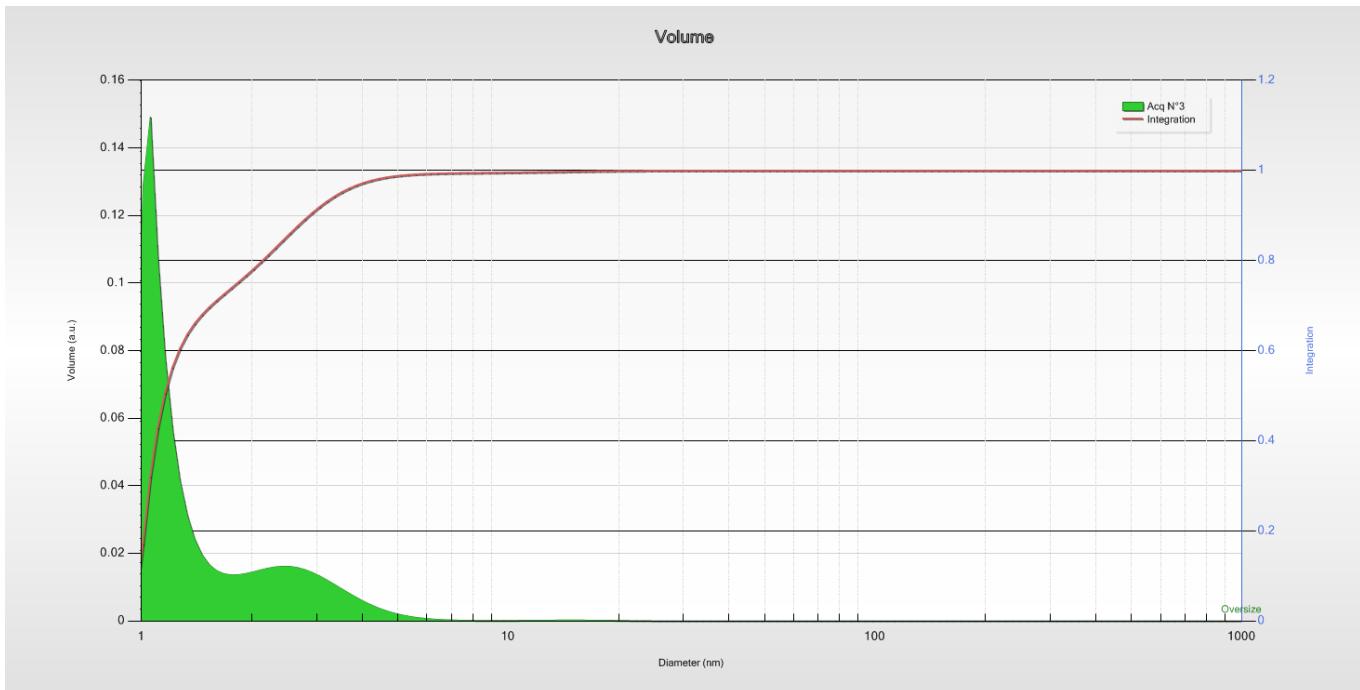
**Peak :** 1

**Mode:** 1.06 nm

**Mean:** 1.14 nm

**Dev.:** 24.1 %

**Intensity.:** 100 %



### Distribution statistics

**Dv 10%:** 1.01 nm

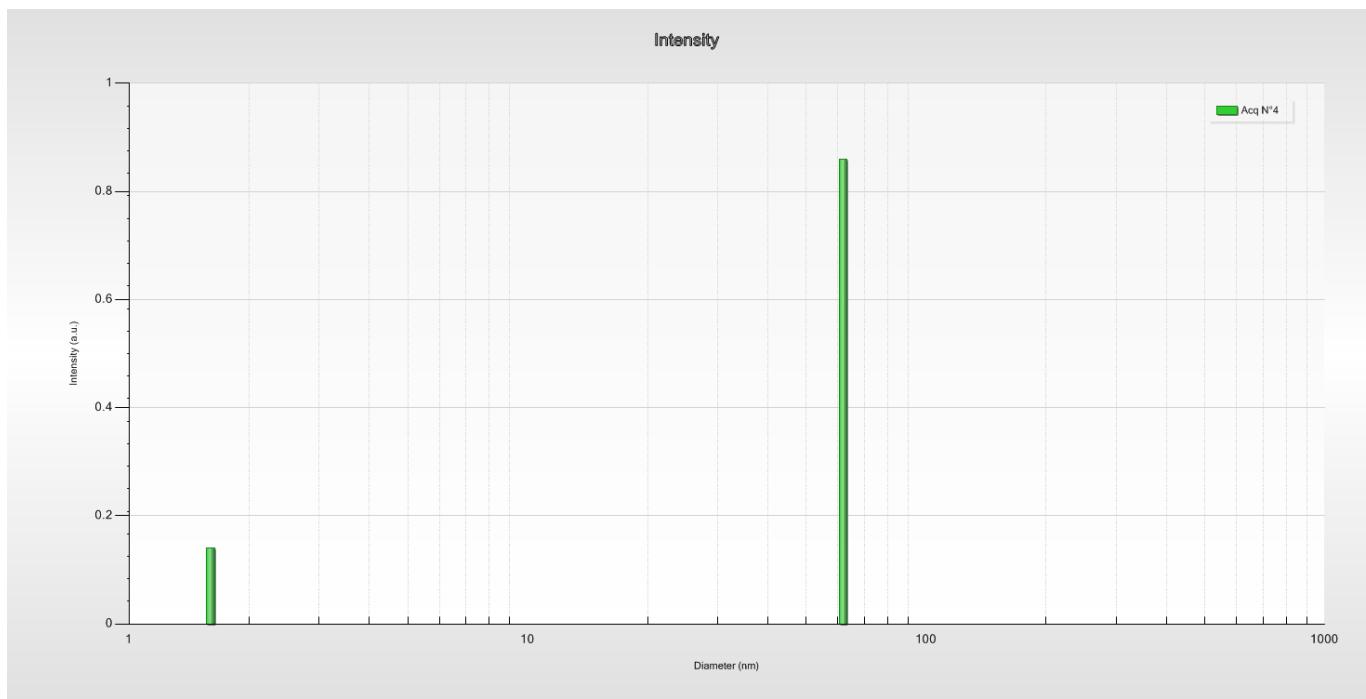
**Dv 50%:** 1.16 nm

**Dv 90%:** 2.92 nm

**Mean Volume:** 1.68 nm

**Solution index:** 4

<b>Peak : 1</b>	<b>  Mode:</b> 1.06 nm	<b>Mean:</b> 1.17 nm	<b>Dev.:</b> 16.1 %	<b>Intensity.:</b> 73.23 %
<b>Peak : 2</b>	<b>  Mode:</b> 2.43 nm	<b>Mean:</b> 2.82 nm	<b>Dev.:</b> 33.5 %	<b>Intensity.:</b> 26.77 %

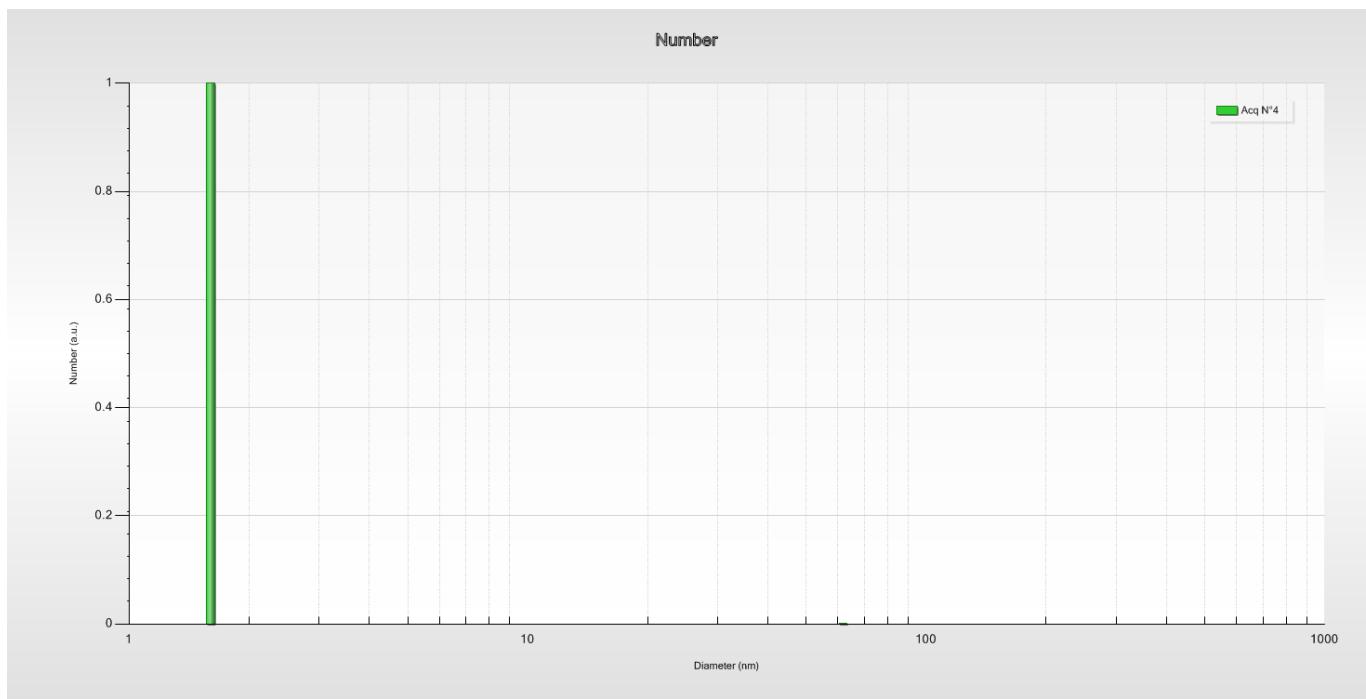


**Dispersion statistics**

**Di 10%:** 1.6 nm      **Di 50%:** 61.83 nm      **Di 90%:** 61.83 nm  
**Mean Intensity:** 53.41 nm

**Detected size(s)**

<b>Size (nm)</b>	<b>Intensity</b>	<b>Decay Rate</b>	<b>Diffusion Coeff. (m<sup>2</sup>/s)</b>
1.59	0.13	163644.76	30.95894E-011
62.59	0.79	4150.36	78.51804E-013

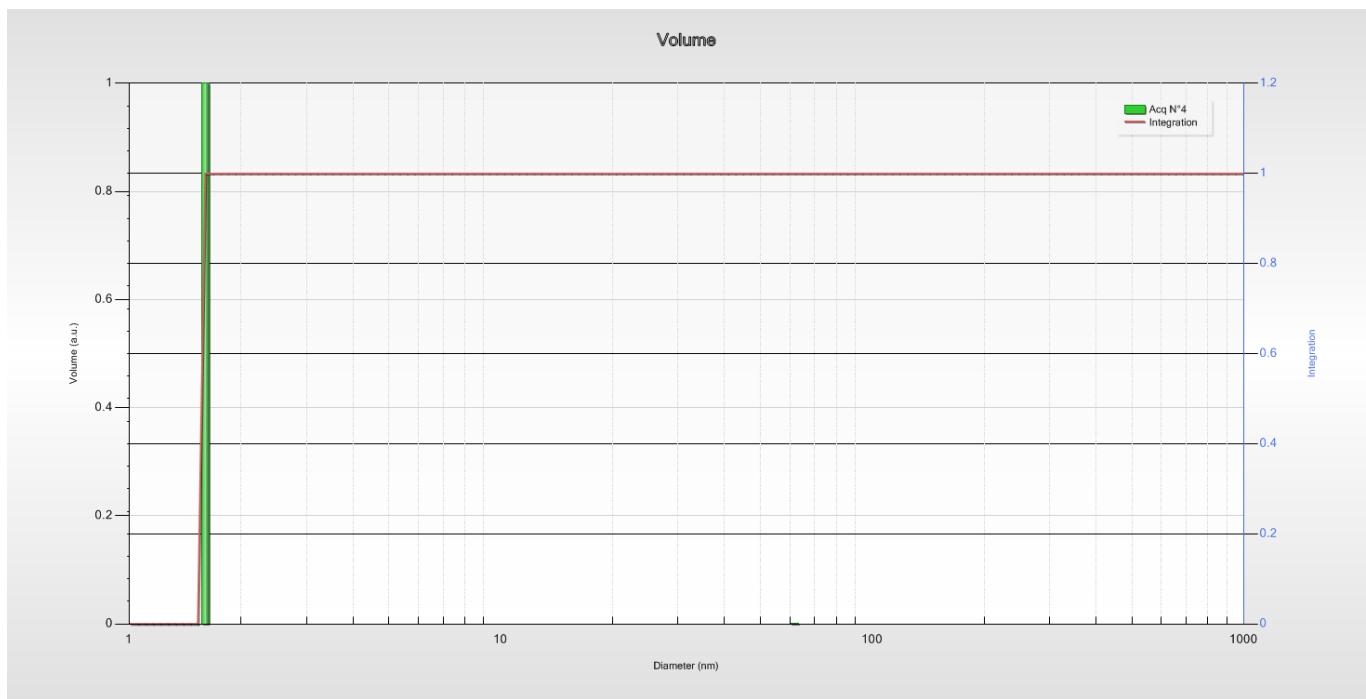


**Dispersion statistics**

**Dn 10%:** 1.6 nm      **Dn 50%:** 1.6 nm      **Dn 90%:** 1.6 nm  
**Mean Number:** 1.6 nm

**Detected size(s)**

<b>Size (nm)</b>	<b>Intensity</b>	<b>Decay Rate</b>	<b>Diffusion Coeff. (m<sup>2</sup>/s)</b>
1.59	0.13	163644.76	30.95894E-011
62.59	0.79	4150.36	78.51804E-013

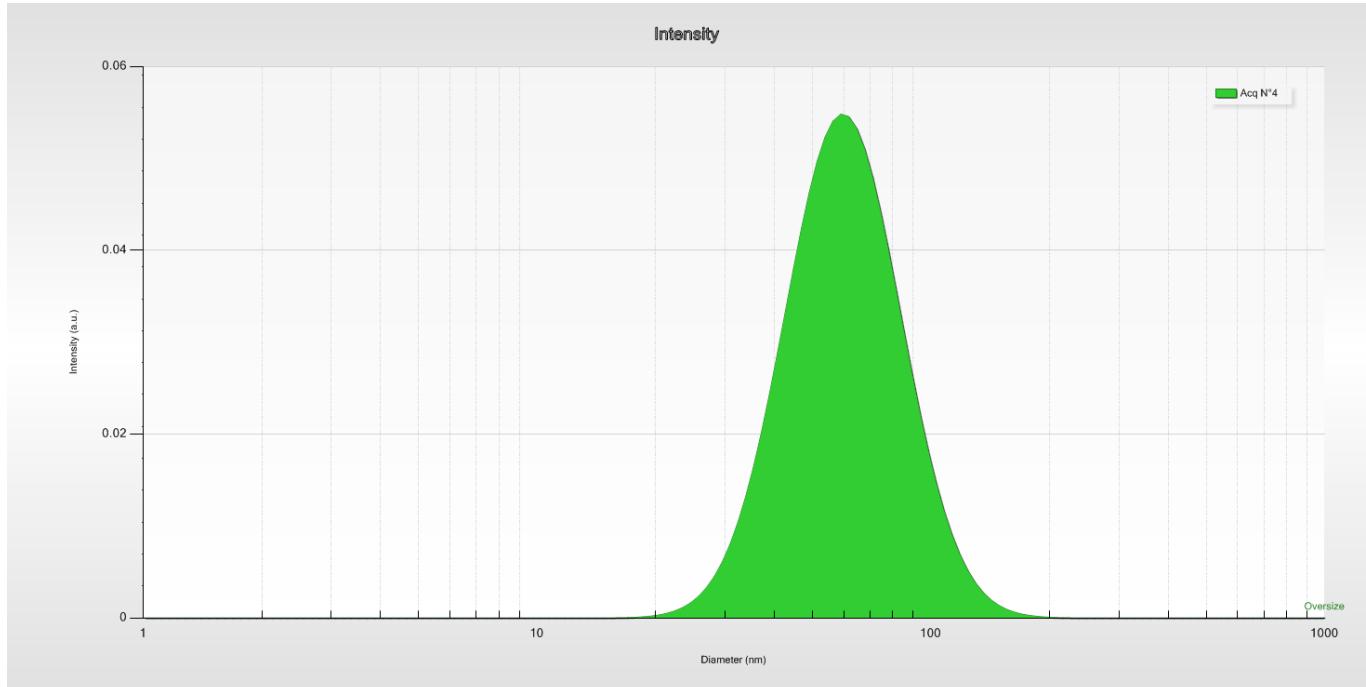


### Dispersion statistics

Dv 10%: 1.6 nm      Dv 50%: 1.6 nm      Dv 90%: 1.6 nm  
Mean Volume: 1.61 nm

### Detected size(s)

Size (nm)	Intensity	Decay Rate	Diffusion Coeff. (m <sup>2</sup> /s)
1.59	0.13	163644.76	30.95894E-011
62.59	0.79	4150.36	78.51804E-013

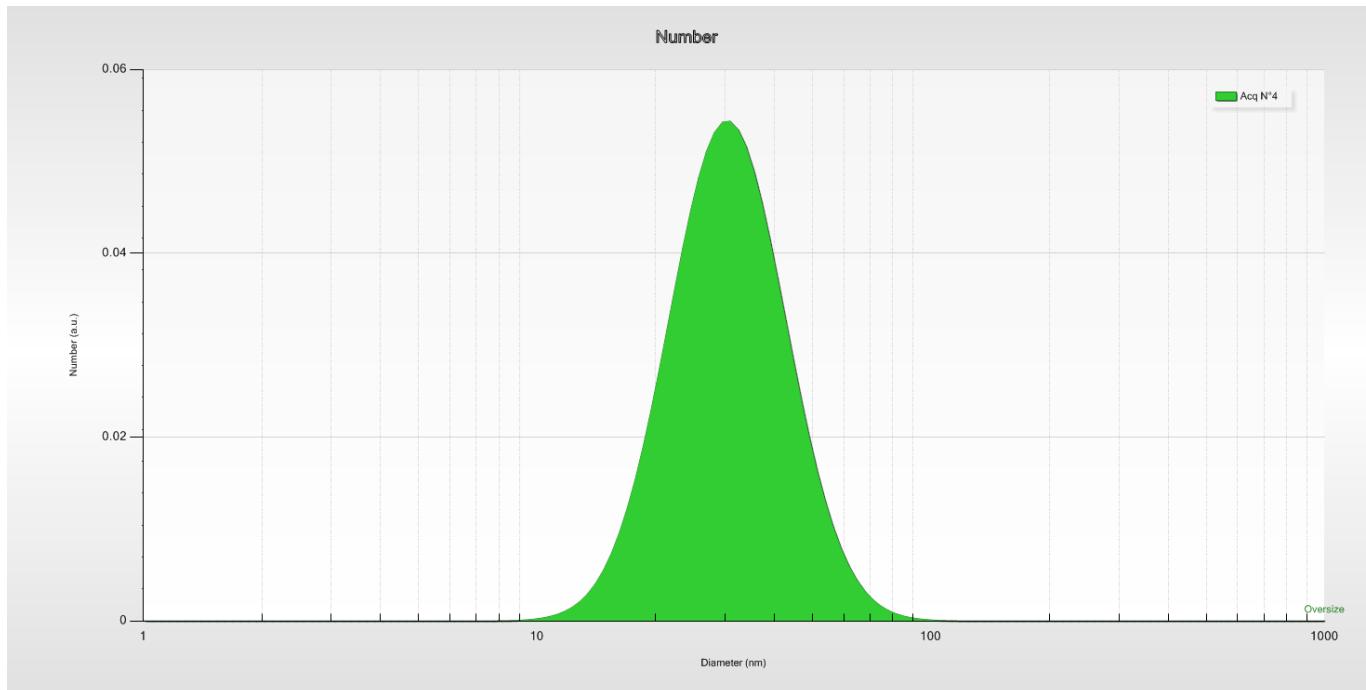


### Distribution statistics

**Di 10%:** 38.94 nm      **Di 50%:** 59.03 nm      **Di 90%:** 93.73 nm  
**Mean Intensity:** 63.14 nm      **PDI :** 0.47873      **Std Dev:** 34.6%

### Detected size(s)

Z average (nm)	Intensity	Decay Rate	Diffusion Coeff. (m <sup>2</sup> /s)
50.35	0.7	5159.47	97.60875E-013

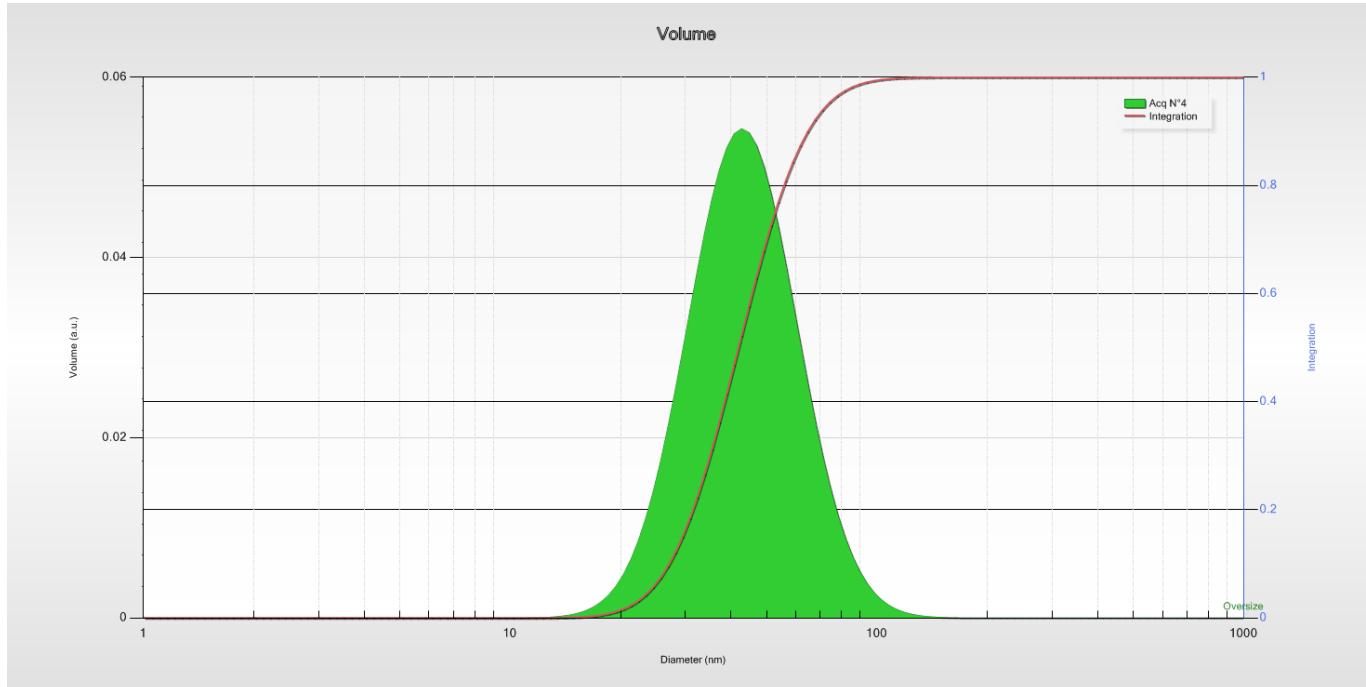


### Distribution statistics

**Dn 10%:** 19.46 nm      **Dn 50%:** 30.9 nm      **Dn 90%:** 46.85 nm  
**Mean Number:** 32.17 nm      **PDI :** 0.47873      **Std Dev:** 34.6%

### Detected size(s)

Z average (nm)	Intensity	Decay Rate	Diffusion Coeff. (m <sup>2</sup> /s)
50.35	0.7	5159.47	97.60875E-013

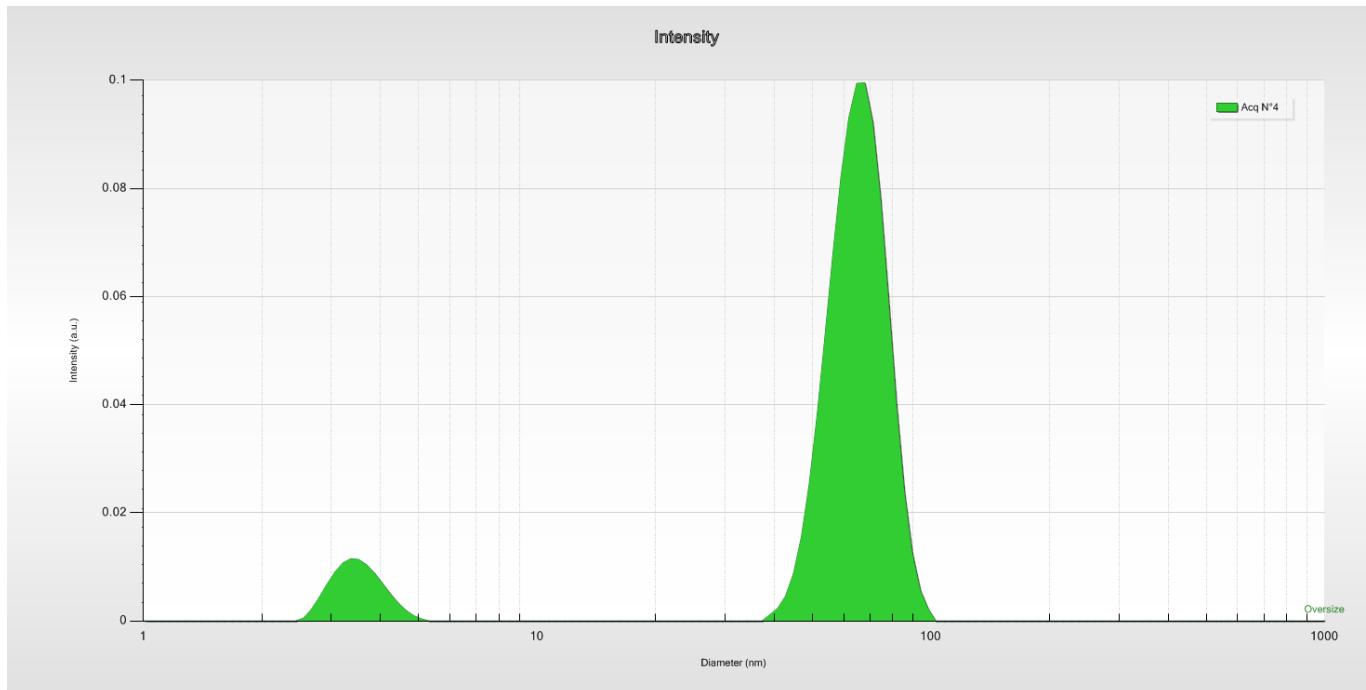


### Distribution statistics

**D<sub>v</sub> 10%:** 28.17 nm      **D<sub>v</sub> 50%:** 42.71 nm      **D<sub>v</sub> 90%:** 67.81 nm  
**Mean Volume:** 45.45 nm      **PDI :** 0.47873      **Std Dev:** 34.6%

### Detected size(s)

Z average (nm)	Intensity	Decay Rate	Diffusion Coeff. (m <sup>2</sup> /s)
50.35	0.7	5159.47	97.60875E-013



### Distribution statistics

**Di 10%:** 42.71 nm

**Di 50%:** 64.75 nm

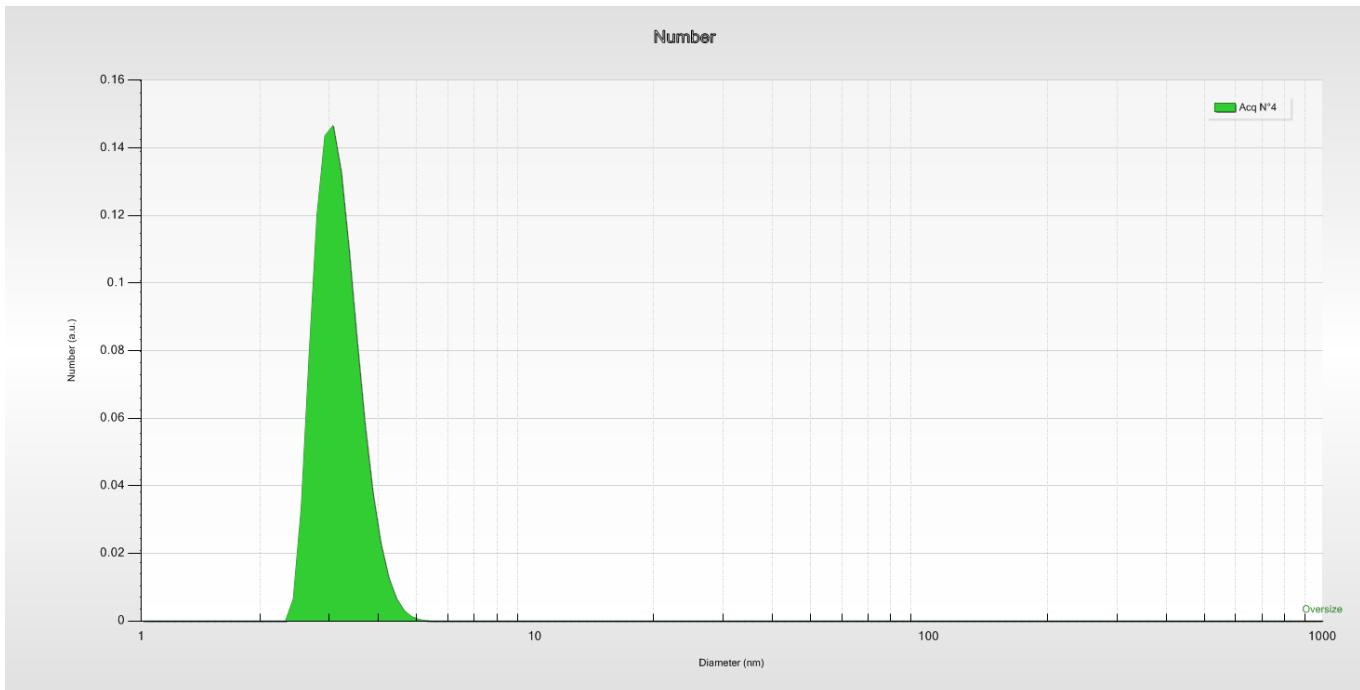
**Di 90%:** 77.91 nm

**Mean Intensity:** 59.67 nm

**Solution index:** 6

**Peak : 1** | **Mode:** 64.75 nm    **Mean:** 65.57 nm    **Dev.:** 16.4 %    **Intensity.:** 90.55 %

**Peak : 2** | **Mode:** 3.36 nm    **Mean:** 3.52 nm    **Dev.:** 14.73 %    **Intensity.:** 9.45 %



### Distribution statistics

**Dn 10%:** 2.67 nm

**Dn 50%:** 3.06 nm

**Dn 90%:** 3.68 nm

**Mean Number:** 3.17 nm

**Solution index:** 6

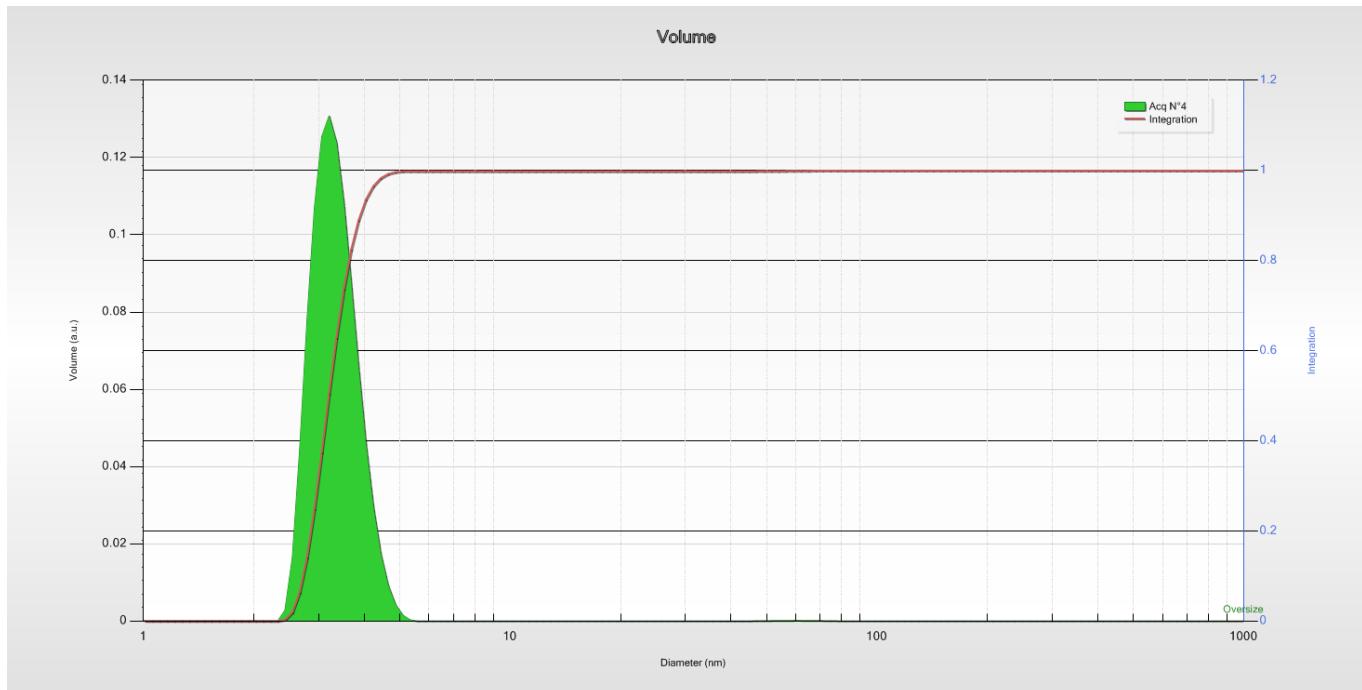
**Peak :** 1

**Mode:** 3.06 nm

**Mean:** 3.17 nm

**Dev.:** 13.46 %

**Intensity.:** 100 %



### Distribution statistics

**Dv 10%:** 2.79 nm

**Dv 50%:** 3.21 nm

**Dv 90%:** 4.04 nm

**Mean Volume:** 3.43 nm

**Solution index:** 6

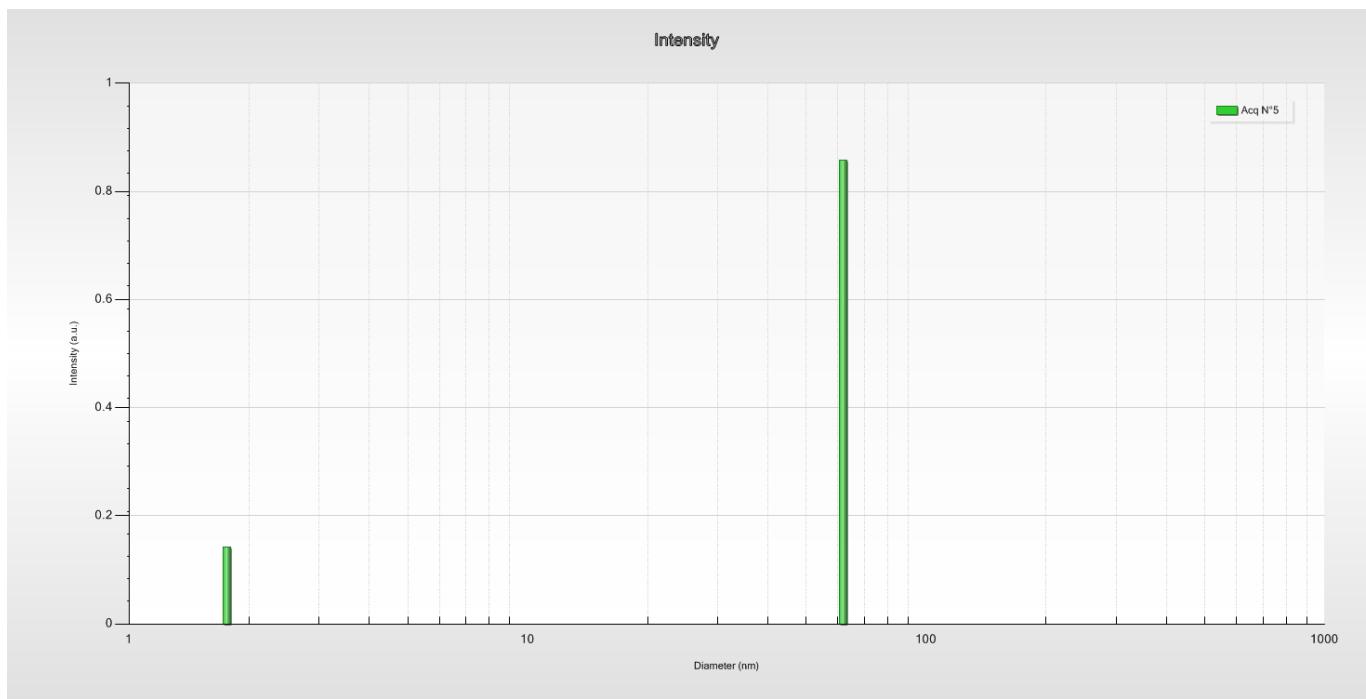
**Peak :** 1

**Mode:** 3.21 nm

**Mean:** 3.34 nm

**Dev.:** 14.48 %

**Intensity.:** 100 %

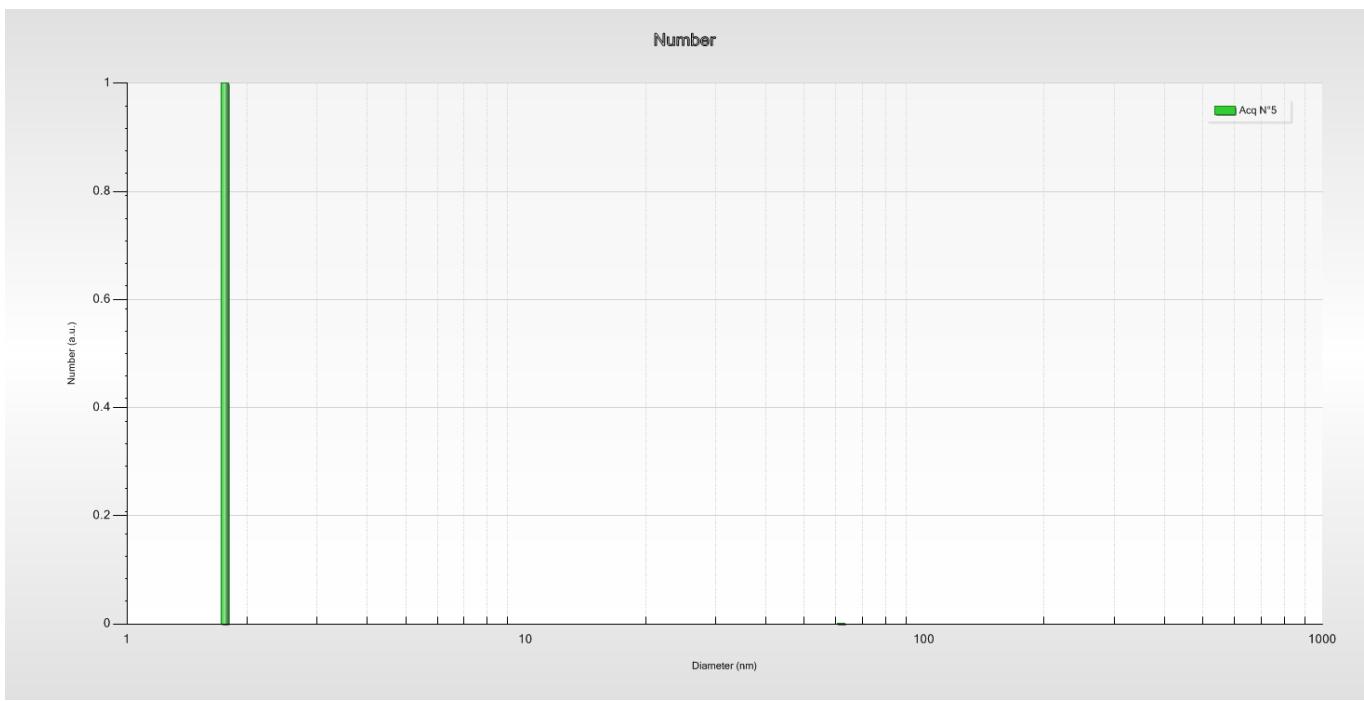


**Dispersion statistics**

**Di 10%:** 1.76 nm      **Di 50%:** 61.83 nm      **Di 90%:** 61.83 nm  
**Mean Intensity:** 53.26 nm

**Detected size(s)**

<b>Size (nm)</b>	<b>Intensity</b>	<b>Decay Rate</b>	<b>Diffusion Coeff. (m<sup>2</sup>/s)</b>
1.72	0.13	151148.33	28.59482E-011
60.75	0.79	4276.03	80.89556E-013

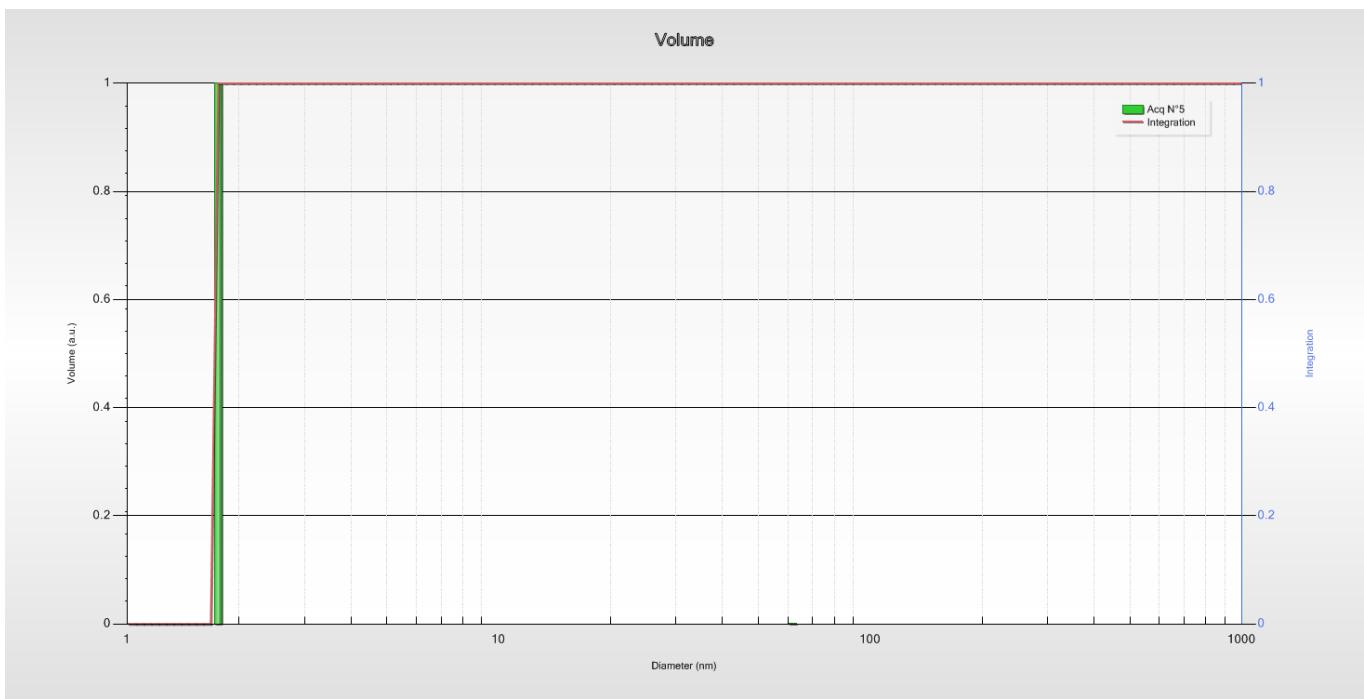


### **Dispersion statistics**

**Dn 10%:** 1.76 nm      **Dn 50%:** 1.76 nm      **Dn 90%:** 1.76 nm  
**Mean Number:** 1.76 nm

### **Detected size(s)**

<b>Size (nm)</b>	<b>Intensity</b>	<b>Decay Rate</b>	<b>Diffusion Coeff. (m<sup>2</sup>/s)</b>
1.72	0.13	151148.33	28.59482E-011
60.75	0.79	4276.03	80.89556E-013

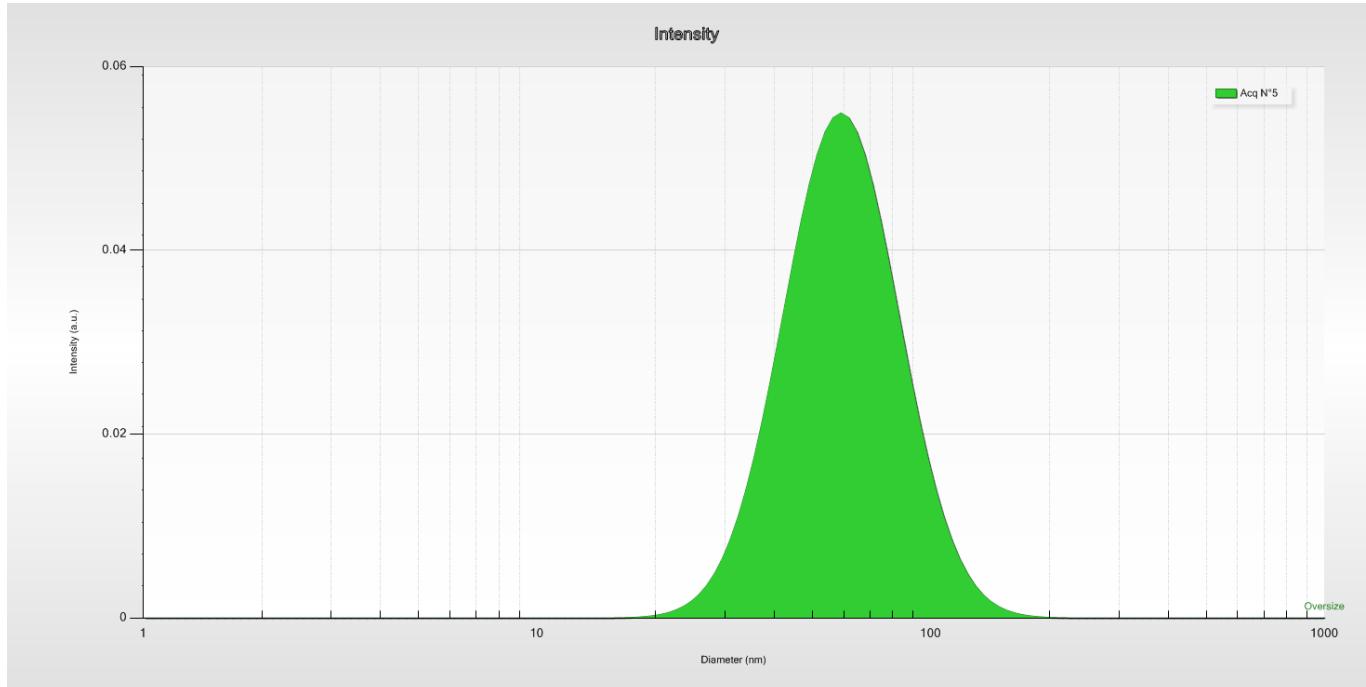


#### Dispersion statistics

Dv 10%: 1.76 nm      Dv 50%: 1.76 nm      Dv 90%: 1.76 nm  
Mean Volume: 1.77 nm

#### Detected size(s)

Size (nm)	Intensity	Decay Rate	Diffusion Coeff. (m <sup>2</sup> /s)
1.72	0.13	151148.33	28.59482E-011
60.75	0.79	4276.03	80.89556E-013

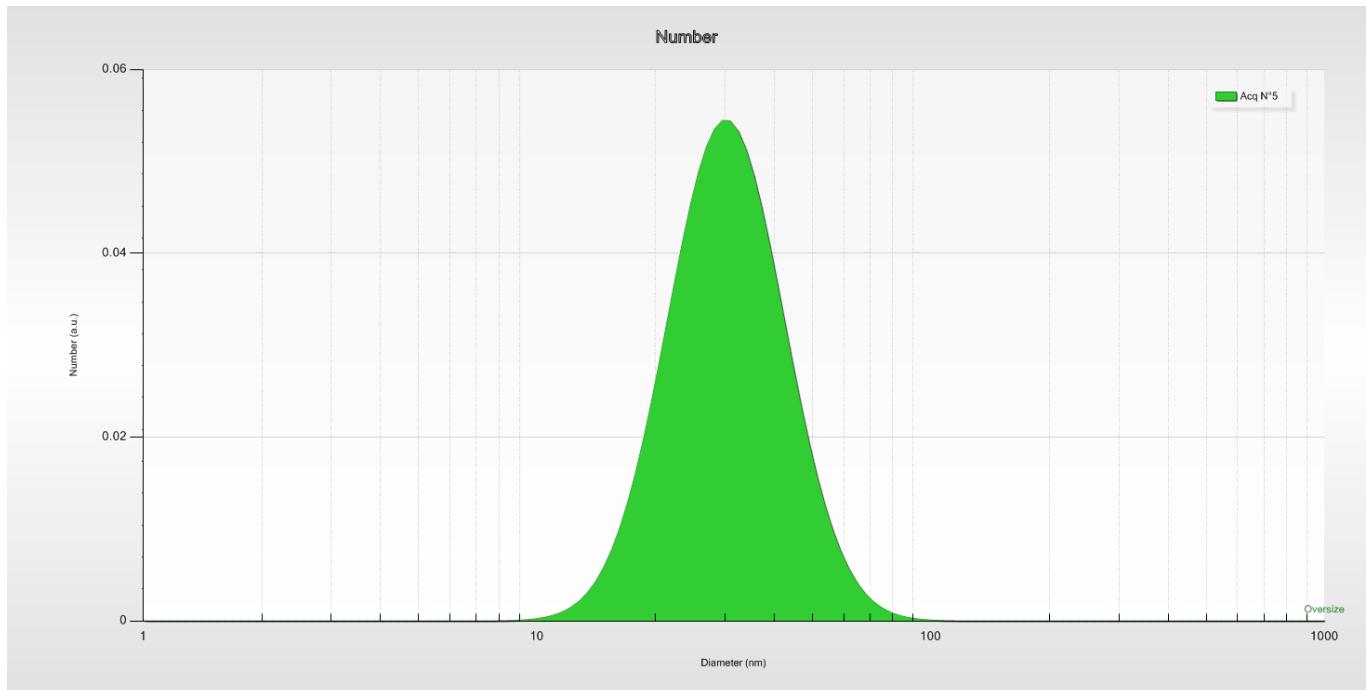


### Distribution statistics

**Di 10%:** 38.94 nm      **Di 50%:** 59.03 nm      **Di 90%:** 89.5 nm  
**Mean Intensity:** 62.46 nm      **Std Dev:** 34.53%  
**PDI** : 0.4769

### Detected size(s)

Z average (nm)	Intensity	Decay Rate	Diffusion Coeff. (m <sup>2</sup> /s)
49.85	0.69	5211.48	98.59281E-013

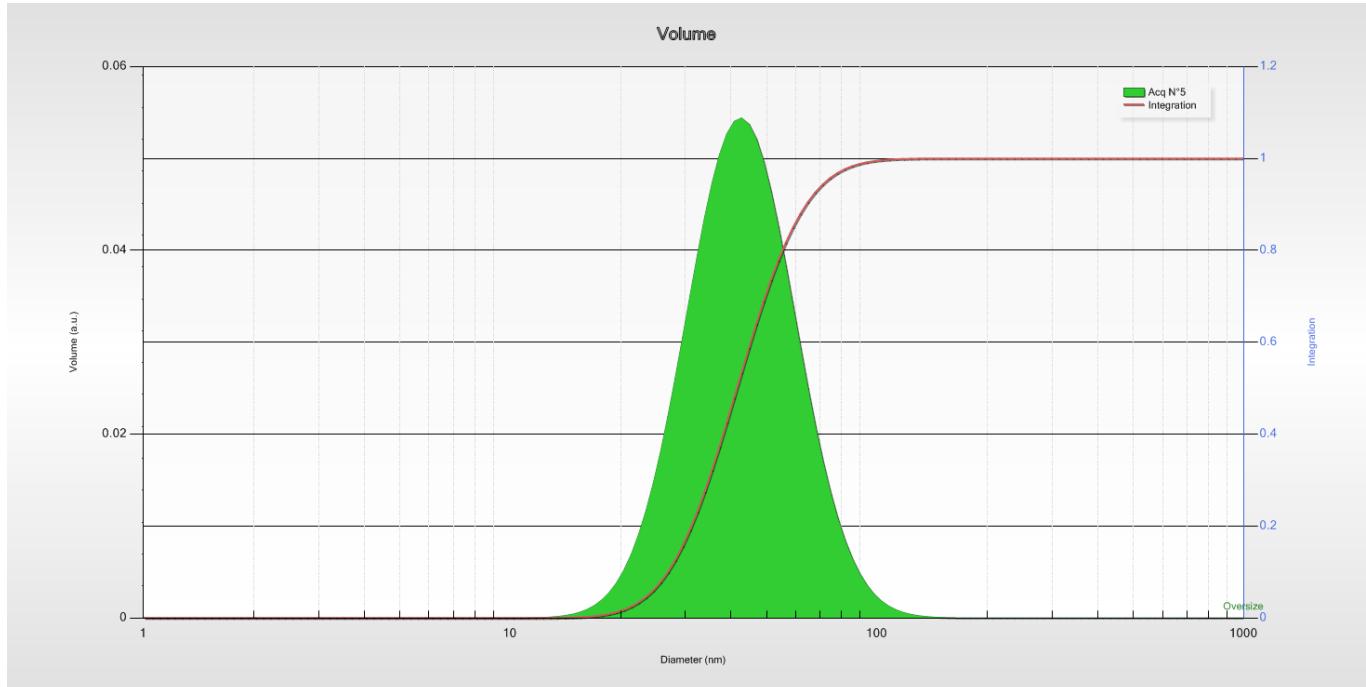


### Distribution statistics

**Dn 10%:** 19.46 nm      **Dn 50%:** 29.5 nm      **Dn 90%:** 46.85 nm  
**Mean Number:** 31.9 nm      **PDI :** 0.4769      **Std Dev:** 34.53%

### Detected size(s)

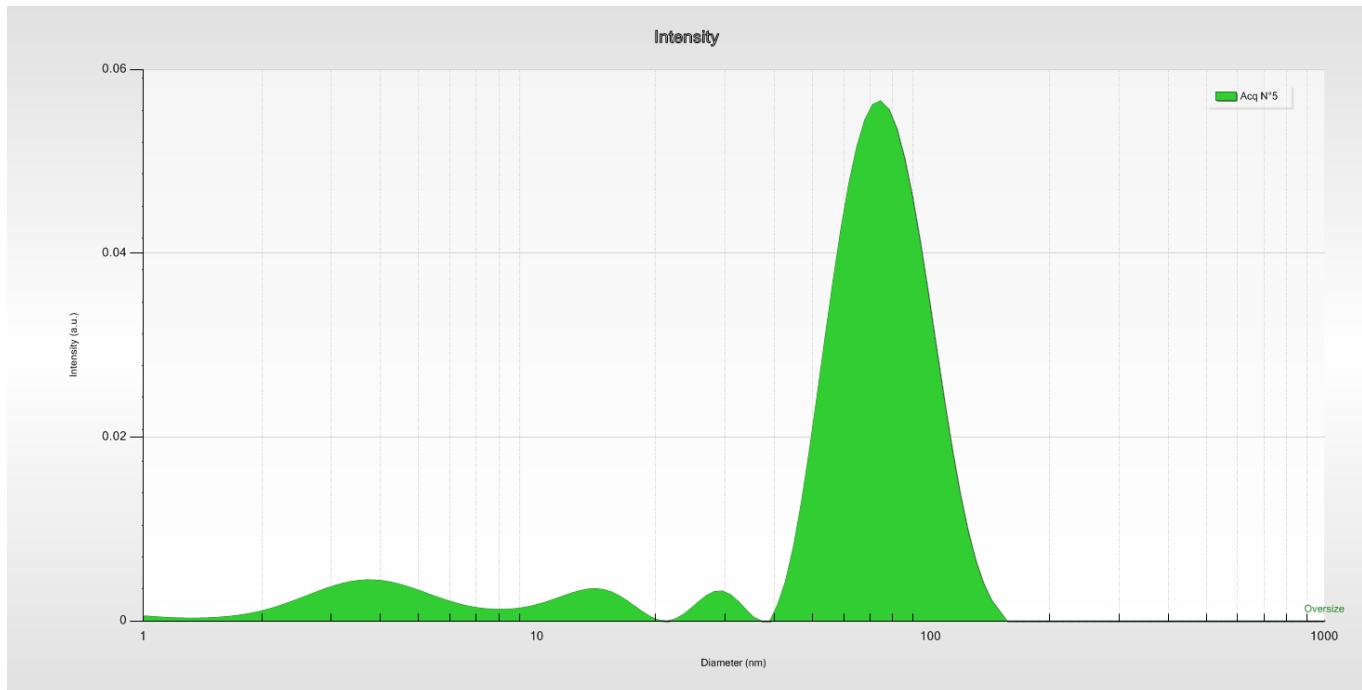
Z average (nm)	Intensity	Decay Rate	Diffusion Coeff. (m <sup>2</sup> /s)
49.85	0.69	5211.48	98.59281E-013

**Distribution statistics**

**D<sub>v</sub> 10%:** 28.17 nm      **D<sub>v</sub> 50%:** 42.71 nm      **D<sub>v</sub> 90%:** 64.75 nm  
**Mean Volume:** 45.01 nm      **Std Dev:** 34.53%  
**PDI** : 0.4769

**Detected size(s)**

Z average (nm)	Intensity	Decay Rate	Diffusion Coeff. (m <sup>2</sup> /s)
49.85	0.69	5211.48	98.59281E-013



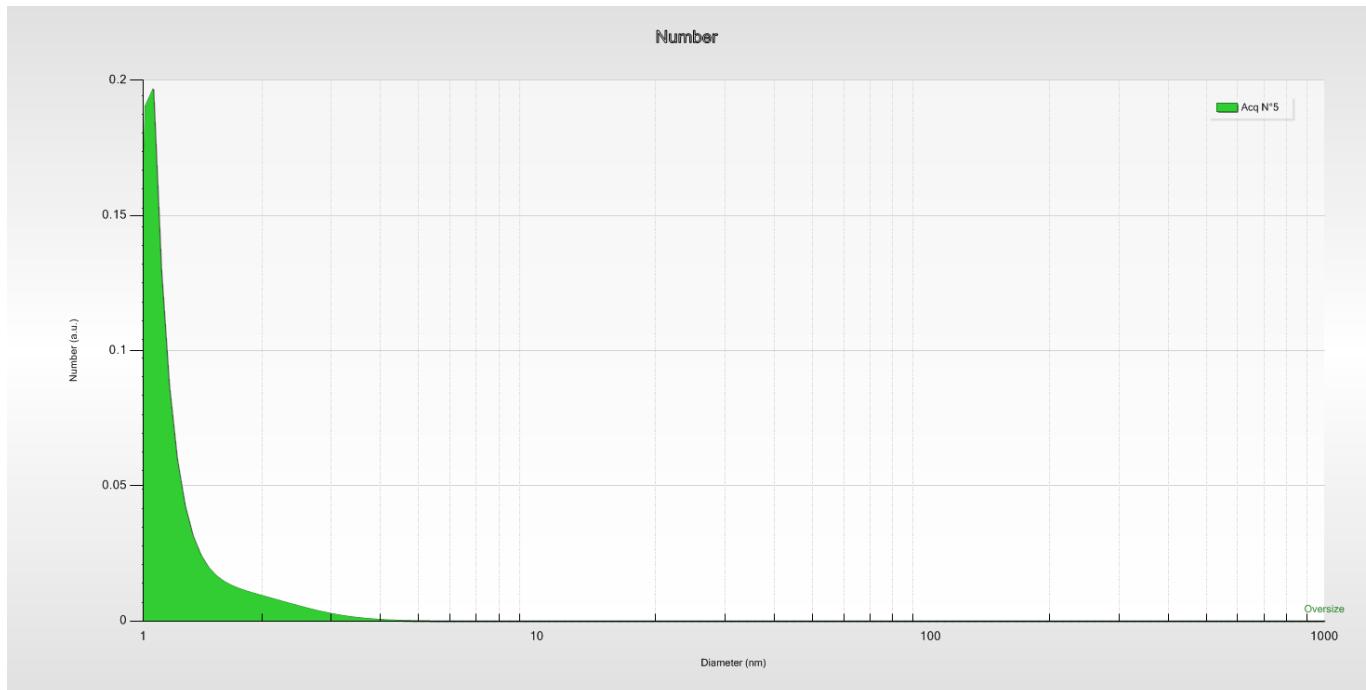
### Distribution statistics

**Di 10%:** 9.73 nm      **Di 50%:** 71.02 nm      **Di 90%:** 102.81 nm

**Mean Intensity:** 66.48 nm

**Solution index:** 4

<b>Peak : 1</b>	<b>Mode:</b> 74.39 nm	<b>Mean:</b> 77.29 nm	<b>Dev.:</b> 25.94 %	<b>Intensity.:</b> 84.19 %
<b>Peak : 2</b>	<b>Mode:</b> 3.68 nm	<b>Mean:</b> 4.01 nm	<b>Dev.:</b> 37.43 %	<b>Intensity.:</b> 9.33 %
<b>Peak : 3</b>	<b>Mode:</b> 14.08 nm	<b>Mean:</b> 13.08 nm	<b>Dev.:</b> 21.72 %	<b>Intensity.:</b> 4.44 %
<b>Peak : 4</b>	<b>Mode:</b> 29.5 nm	<b>Mean:</b> 28.82 nm	<b>Dev.:</b> 10.96 %	<b>Intensity.:</b> 2.04 %



### Distribution statistics

**Dn 10%:** 1.01 nm

**Dn 50%:** 1.11 nm

**Dn 90%:** 1.68 nm

**Mean Number:** 1.25 nm

**Solution index:** 4

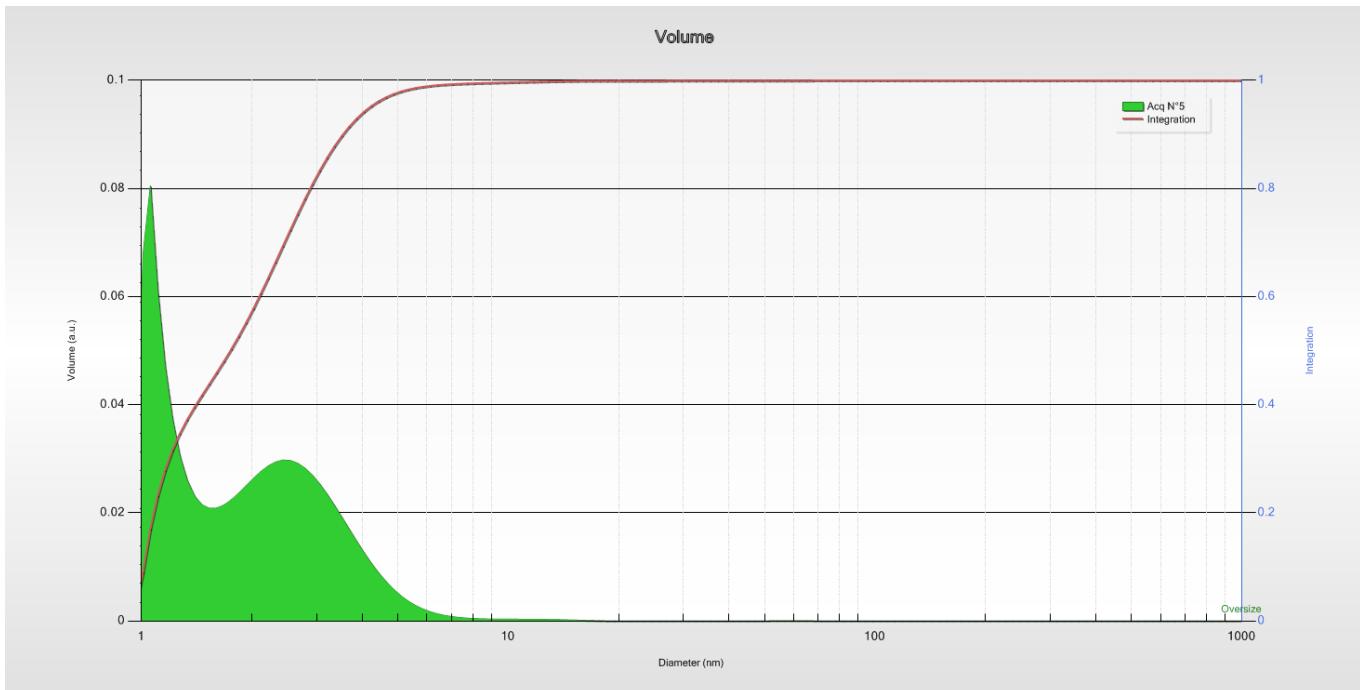
**Peak :** 1

**Mode:** 1.06 nm

**Mean:** 1.25 nm

**Dev.:** 34.21 %

**Intensity.:** 100 %



### Distribution statistics

**Dv 10%:** 1.06 nm

**Dv 50%:** 1.76 nm

**Dv 90%:** 3.68 nm

**Mean Volume:** 2.16 nm

**Solution index:** 4

<b>Peak : 1</b>	<b>  Mode:</b> 2.43 nm	<b>Mean:</b> 2.87 nm	<b>Dev.:</b> 44.85 %	<b>Intensity.:</b> 54.99 %
<b>Peak : 2</b>	<b>  Mode:</b> 1.06 nm	<b>Mean:</b> 1.19 nm	<b>Dev.: 15.23 %</b>	<b>Intensity.:</b> 45.01 %