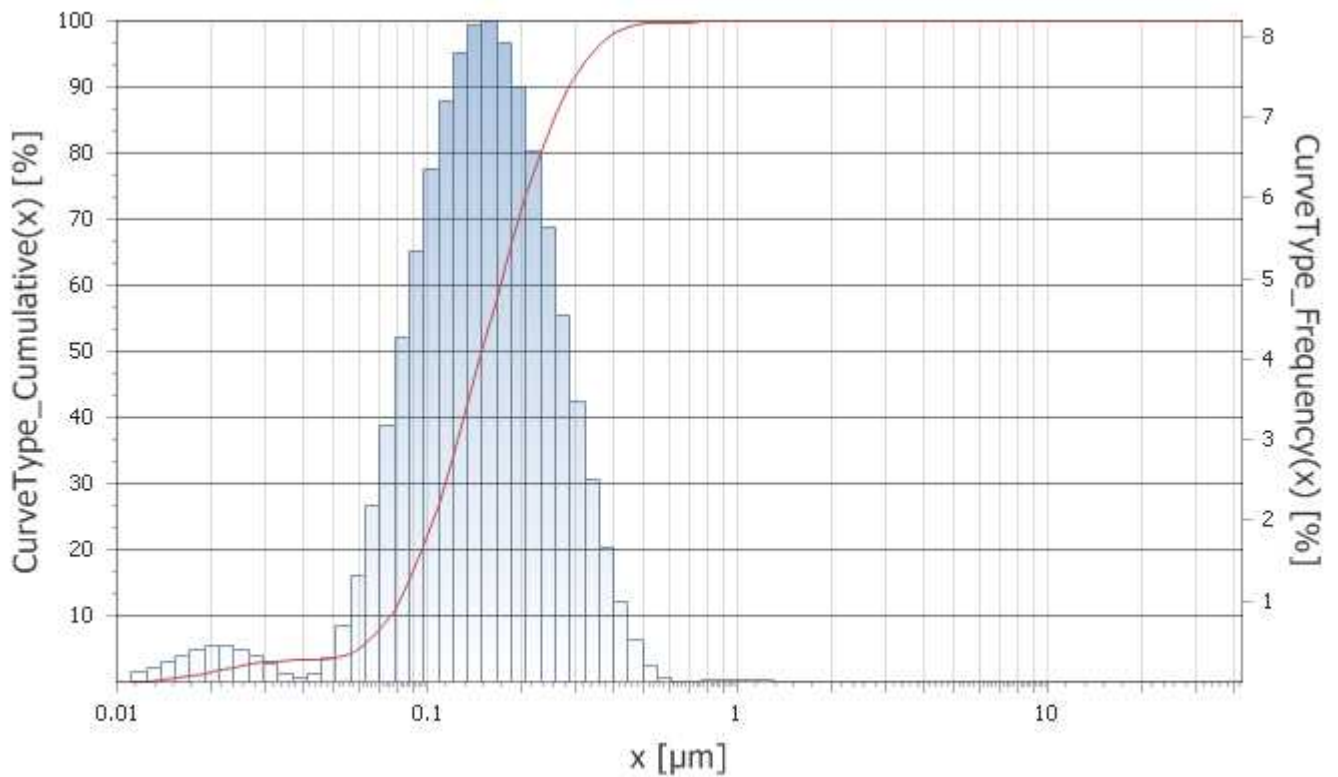


**Meas.Nr.** 65415      **Date** 06.27.2013 08:16      **Personal Report No.:**  
**Material** BaTiO3      45min P7pl 0,1mm ZrO2 in water      **M130162**  
**Description** 0,1% Na4P2O7 + 3min ultrasonic Laborette 17

**Calculation** Mie      n = 1.6      -i 0      **broad TradeOff** 1.000000e+002  
**Scans Fine** 100      **Scans Coarse** 0      **Channels** 108      **Beam Obscuration** 15.00 %  
**Meas. Range** 0.01 [µm] - 42.30 [µm]      **Pump** 4      **Ultrasonics** 10

%	< µm
5	0.060
<b>10</b>	<b>0.076</b>
15	0.087
20	0.096
25	0.105
30	0.114
40	0.131
<b>50</b>	<b>0.150</b>
60	0.172
70	0.198
80	0.231
<b>90</b>	<b>0.285</b>
95	0.338
98	0.397
99	0.442

%	< µm
1.44	0.02
2.94	0.03
3.62	0.05
11.79	0.08
22.13	0.10
49.99	0.15
70.86	0.20
91.66	0.30
99.58	0.50
99.86	0.80
99.92	1.00
99.99	2.00
99.99	3.00
99.99	5.00



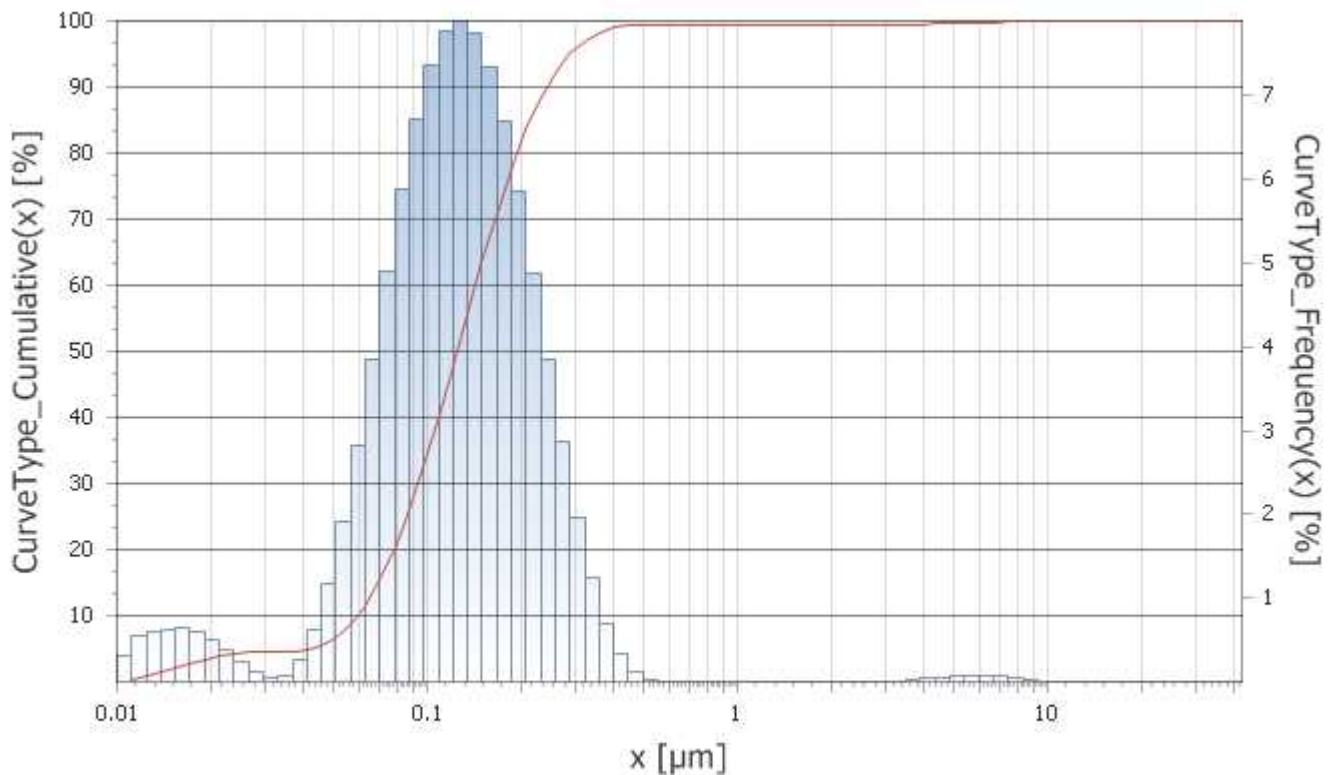
▲ 65415 dQ3(x) — 65415 Q3(x)

**Meas.Nr.** 65473      **Date** 06.27.2013 15:49      **Personal Report No.:**  
**Material** BaTiO3      105 min P7pl 0,1mm ZrO2 in water      **M130162**  
**Description** 0,1% Na4P2O7 + 3min ultrasonic Laborette 17

**Calculation** Mie      n = 1.6      -i 0      **broad TradeOff** 1.000000e+002  
**Scans Fine** 100      **Scans Coarse** 0      **Channels** 108      **Beam Obscuration** 13.00 %  
**Meas. Range** 0.01 [µm] - 42.30 [µm]      **Pump** 2      **Ultrasonics** 7

%	< µm
5	0.041
<b>10</b>	<b>0.060</b>
15	0.070
20	0.078
25	0.086
30	0.093
40	0.108
<b>50</b>	<b>0.125</b>
60	0.143
70	0.165
80	0.195
<b>90</b>	<b>0.243</b>
95	0.287
98	0.348
99	0.397

%	< µm
0.31	0.01
3.52	0.02
4.56	0.03
6.54	0.05
21.27	0.08
34.54	0.10
63.46	0.15
81.30	0.20
95.82	0.30
99.48	0.50
99.50	0.80
99.50	1.00
99.50	2.00
99.50	3.00
99.65	5.00



▲ 65473 dQ3(x) — 65473 Q3(x)