

Meas.Nr. 67796 Date Dienstag, 17 September 2013 08:32 Personal Report No.:

Material Glass F515 TTL < 63 TTH <63 original sample **M130219**

Description predisp. in IPA 3min ultrasound LABORETTE 17, measured in IPA in SVA

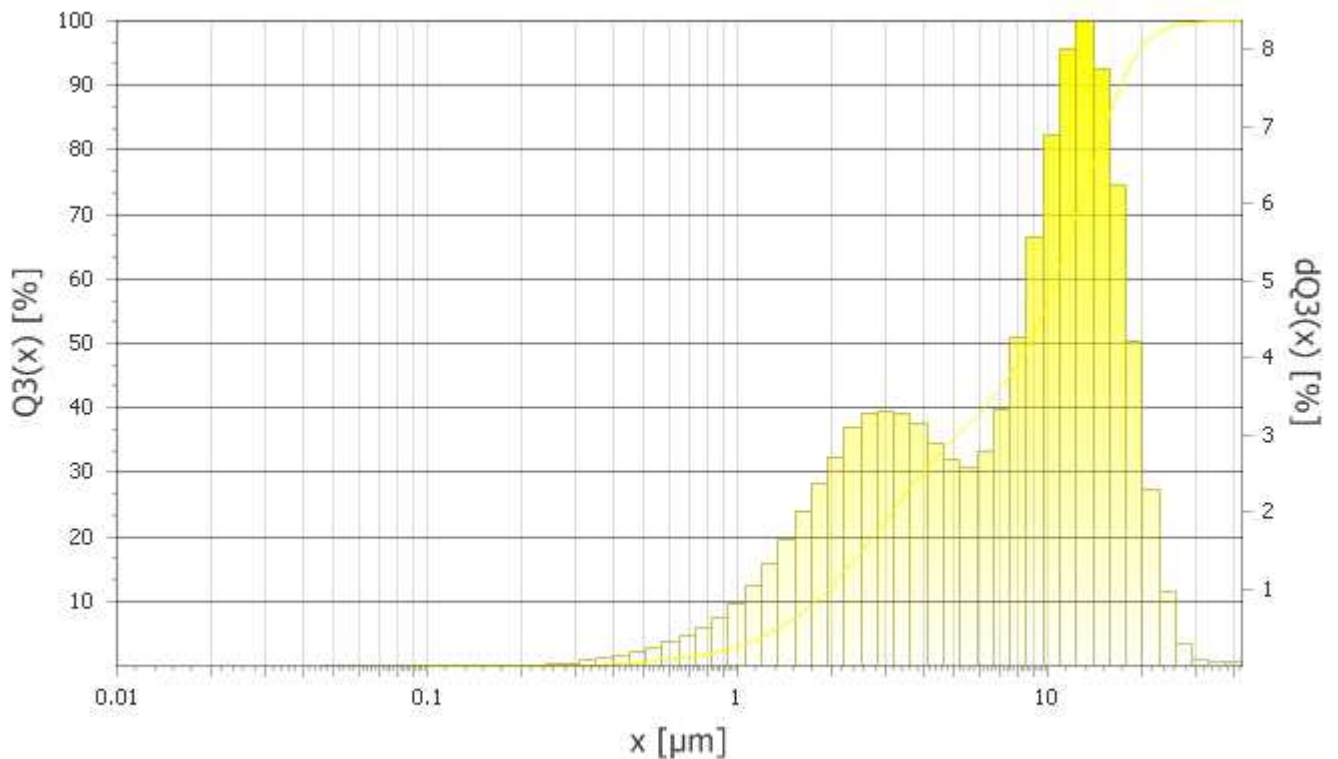
Calculation Fraunhofer broad TradeOff 1.000000e+002

Scans Fine 100 Scans Coarse 0 Channels 51 Beam Obscuration 16.00 %

Meas. Range 0.08 [µm] - 42.30 [µm] Pump 5

%	< µm
5.0	1.25
10.0	1.78
15.0	2.25
20.0	2.73
25.0	3.29
30.0	3.99
40.0	6.24
50.0	8.70
60.0	10.61
70.0	12.41
80.0	14.42
90.0	17.17
95.0	19.49
98.0	22.19
99.0	24.21

%	< µm
3.1	1.00
12.3	2.00
26.6	3.50
35.2	5.00
40.9	6.50
46.9	8.00
56.6	10.00
70.5	12.50
82.5	15.00
91.0	17.50
95.9	20.00
98.3	22.50
99.3	25.00
99.7	27.50
99.8	30.00



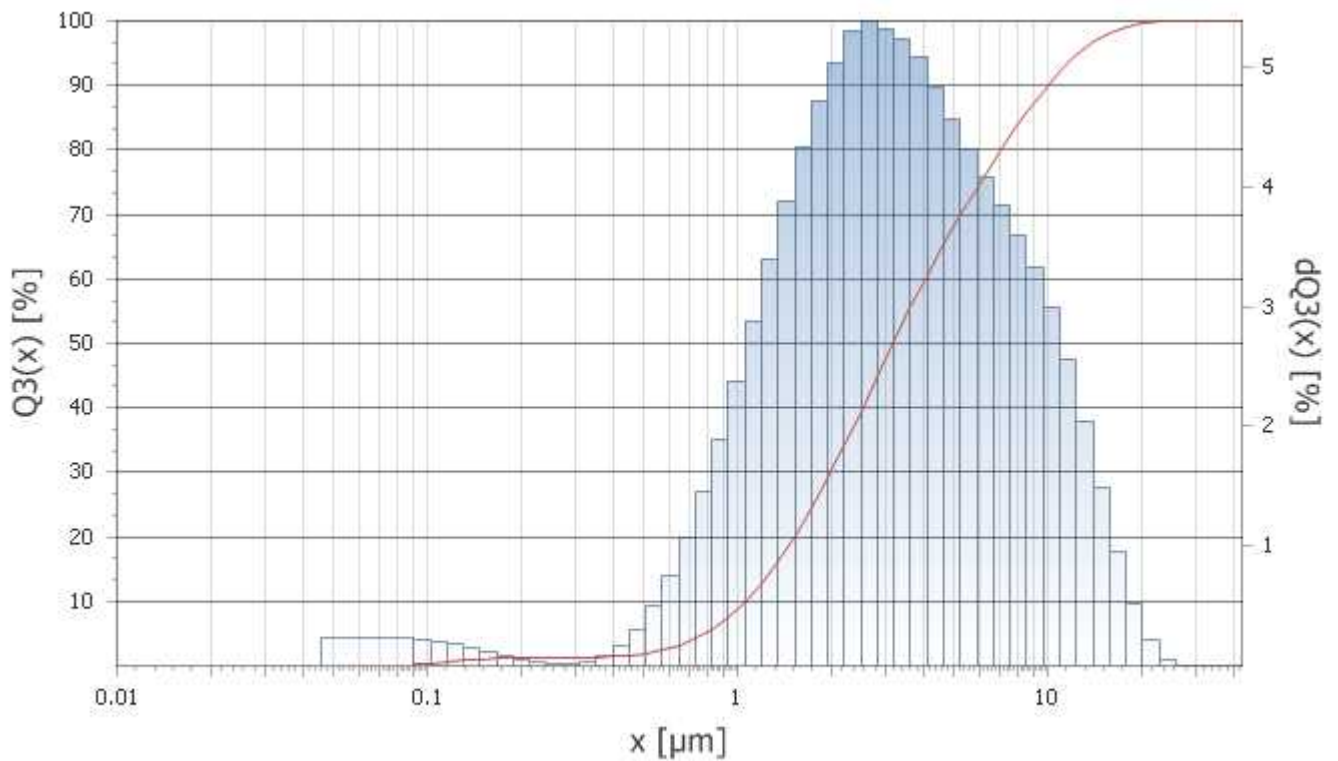
▲ 67796 dQ3(x) — 67796 Q3(x)

Meas.Nr. 67920 **Date** Donnerstag, 19 September 2013 08:27 **Personal Report No.:**
Material Glass F515 TTL < 63 5 min P6 ZrO2 5 mm balls **M130219**
Description predisp. in EthOh 3min ultrasound LABORETTE 17

Calculation Fraunhofer broad **TradeOff** 1.000000e+002
Scans Fine 100 **Scans Coarse** 0 **Channels** 51 **Beam Obscuration** 23.00 %
Meas. Range 0.08 [µm] - 42.30 [µm] **Pump** 5

%	< µm
5.0	0.78
10.0	1.06
15.0	1.29
20.0	1.52
25.0	1.75
30.0	1.99
40.0	2.53
50.0	3.18
60.0	4.03
70.0	5.23
80.0	7.05
90.0	10.01
95.0	12.58
98.0	15.49
99.0	17.42

%	< µm
8.9	1.00
30.1	2.00
54.1	3.50
68.3	5.00
77.4	6.50
83.9	8.00
90.0	10.00
94.9	12.50
97.6	15.00
99.0	17.50
99.7	20.00
99.9	22.50
100.0	25.00
100.0	27.50
100.0	30.00



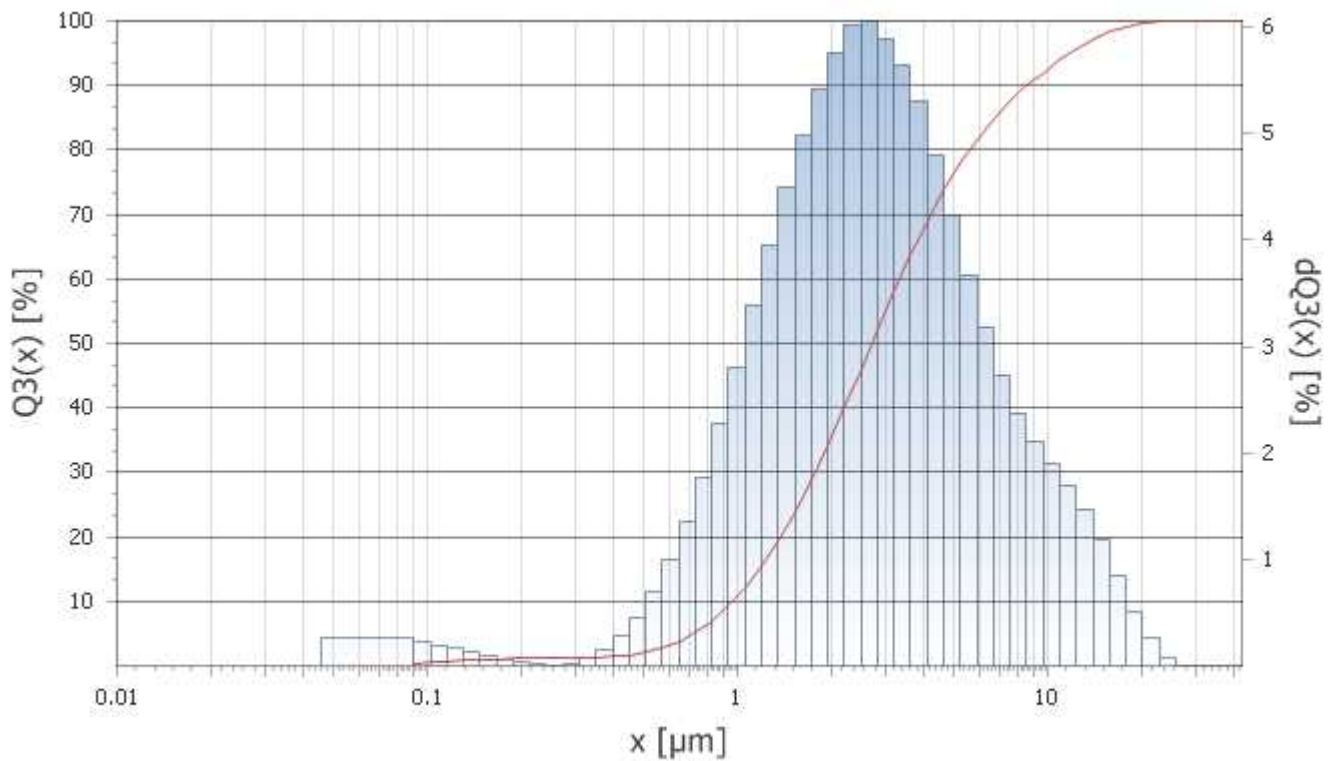
▲ 67920 dQ3(x) — 67920 Q3(x)

Meas.Nr. 67926 **Date** Donnerstag, 19 September 2013 09:10 **Personal Report No.:**
Material Glass F515 TTL < 63 10 min P6 ZrO2 5 mm balls **M130219**
Description predisp. in EthOh 3min ultrasound LABORETTE 17

Calculation Fraunhofer broad **TradeOff** 1.000000e+002
Scans Fine 100 **Scans Coarse** 0 **Channels** 51 **Beam Obscuration** 18.00 %
Meas. Range 0.08 [µm] - 42.30 [µm] **Pump** 5

%	< µm
5.0	0.72
10.0	0.97
15.0	1.18
20.0	1.38
25.0	1.57
30.0	1.77
40.0	2.21
50.0	2.71
60.0	3.34
70.0	4.20
80.0	5.59
90.0	8.56
95.0	11.79
98.0	15.31
99.0	17.48

%	< µm
10.8	1.00
35.3	2.00
62.1	3.50
76.4	5.00
84.1	6.50
88.7	8.00
92.6	10.00
95.8	12.50
97.8	15.00
99.0	17.50
99.6	20.00
99.9	22.50
100.0	25.00
100.0	27.50
100.0	30.00



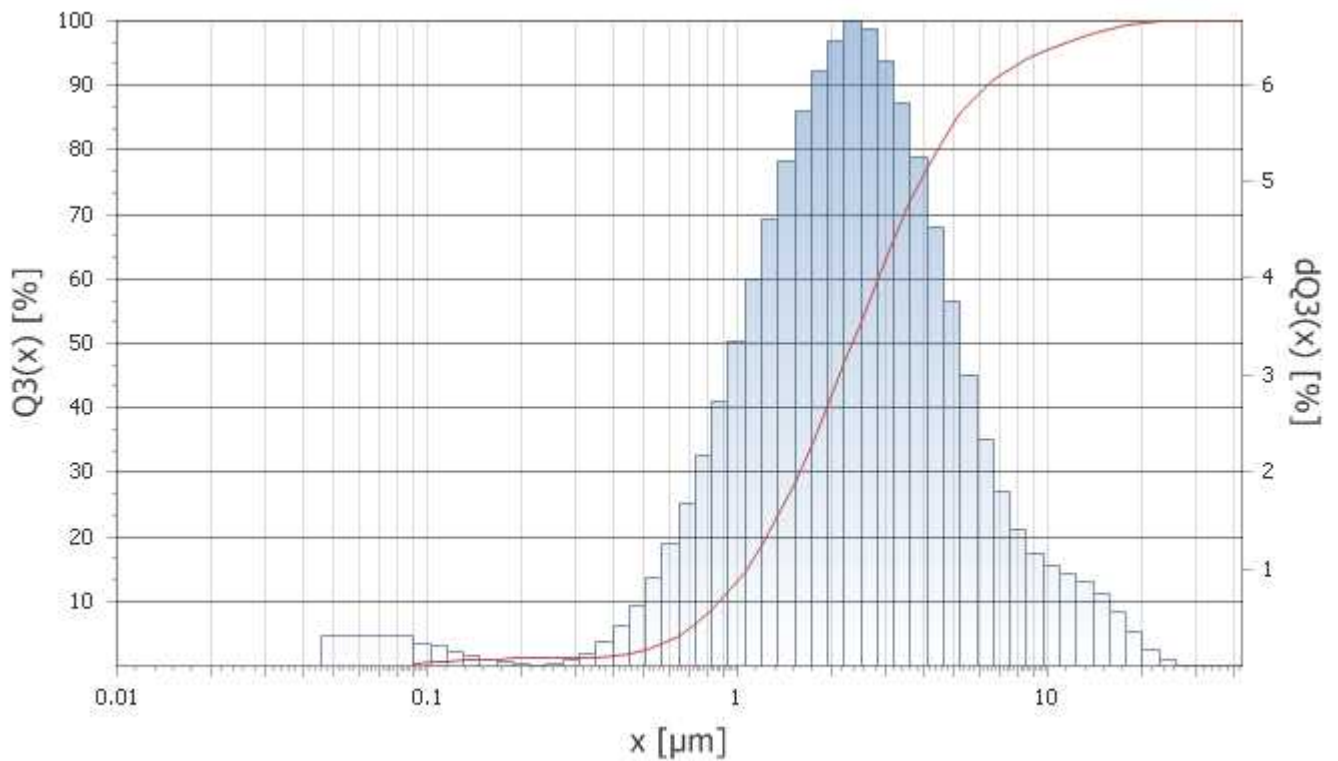
▲ 67926 dQ3(x) — 67926 Q3(x)

Meas.Nr. 67930 **Date** Donnerstag, 19 September 2013 11:46 **Personal Report No.:**
Material Glass F515 TTL < 63 15 min P6 ZrO2 5 mm balls **M130219**
Description predisp. in EthOh 3min ultrasound LABORETTE 17

Calculation Fraunhofer broad **TradeOff** 1.000000e+002
Scans Fine 100 **Scans Coarse** 0 **Channels** 51 **Beam Obscuration** 16.00 %
Meas. Range 0.08 [µm] - 42.30 [µm] **Pump** 5

%	< µm
5.0	0.66
10.0	0.88
15.0	1.07
20.0	1.24
25.0	1.41
30.0	1.58
40.0	1.94
50.0	2.35
60.0	2.82
70.0	3.47
80.0	4.40
90.0	6.38
95.0	9.41
98.0	13.77
99.0	16.35

%	< µm
13.1	1.00
41.5	2.00
70.5	3.50
84.2	5.00
90.4	6.50
93.3	8.00
95.5	10.00
97.3	12.50
98.5	15.00
99.3	17.50
99.7	20.00
99.9	22.50
100.0	25.00
100.0	27.50
100.0	30.00



▲ 67930 dQ3(x) — 67930 Q3(x)