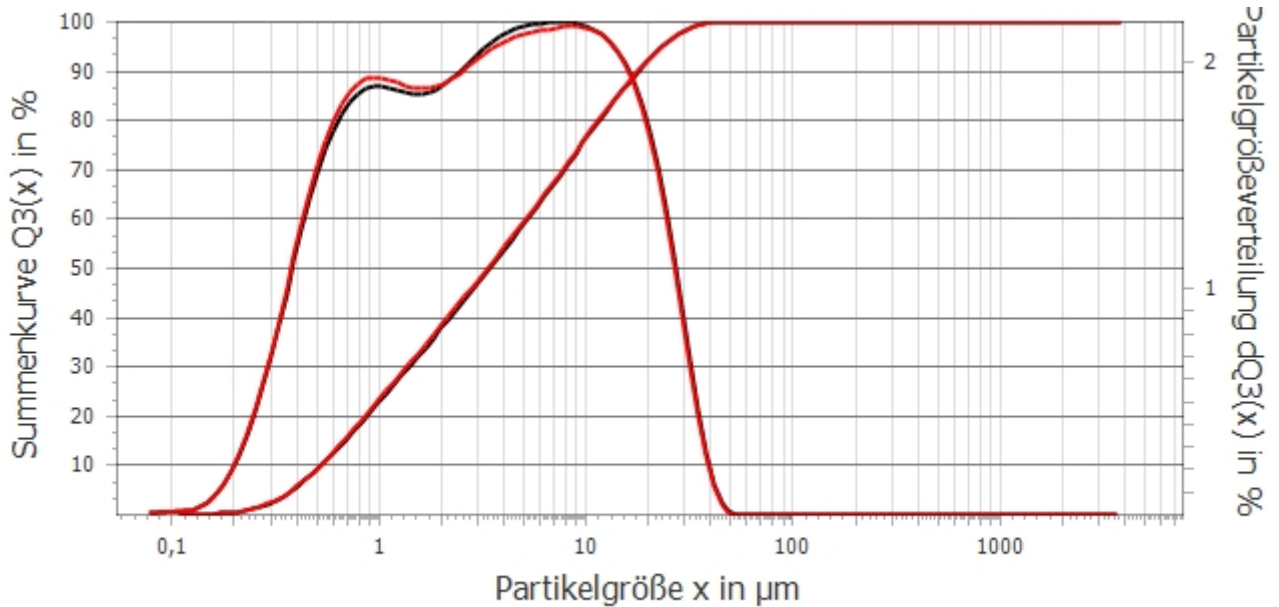


Übersicht über alle Messungen

Protokollnummer

Intern

Theorie Fraunhofer **Brechungsindex** --- **Absorptionskoeffizient** ---
TradeOff broad (100,0) **Material** Isolationswolle **Information** in Wasser, + 0,1% Na4P2O7, 30s Ultraschall
Messbereich 0,01 - 3800 µm **Pumpengeschwindigkeit** 40 % **Ultraschall** 100 %

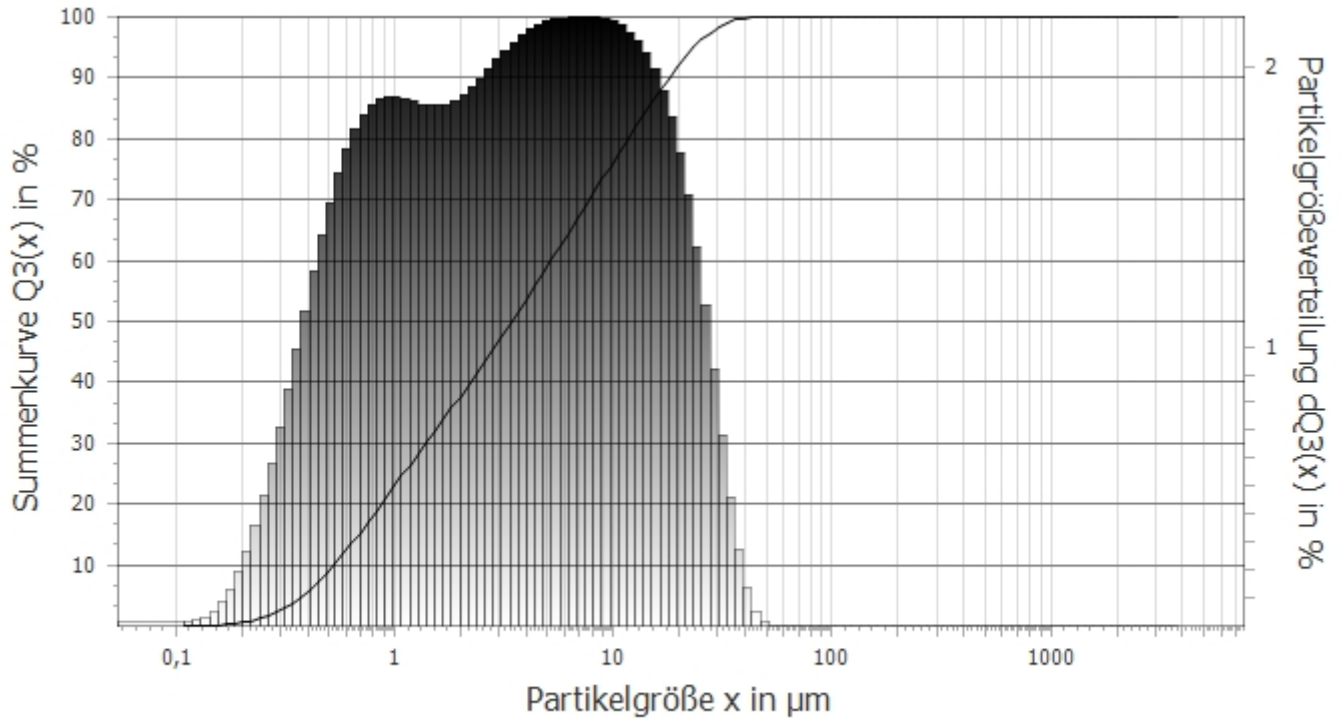


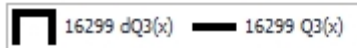
16299 dQ3(x)
 16299 Q3(x)
 16300 dQ3(x)
 16300 Q3(x)

% <	mean µm	CV[%]	M16299	M16300
10,0	0,53	0,50	0,529	0,524
50,0	3,39	1,36	3,433	3,341
90,0	17,83	0,60	17,933	17,719

< µm	mean %	CV[%]	M16299	M16300
0,10	0,01	0,00	0,013	0,013
0,50	9,09	0,89	9,01	9,171
1,00	23,25	1,03	23,008	23,484
1,50	31,99	0,99	31,669	32,304
2,00	38,15	0,91	37,802	38,493
5,00	59,35	0,41	59,108	59,591
10,00	76,42	0,19	76,271	76,561
15,00	86,18	0,16	86,038	86,315
20,00	92,33	0,13	92,211	92,444
25,00	96,17	0,08	96,092	96,246
30,00	98,34	0,04	98,302	98,384
35,00	99,39	0,02	99,368	99,402
40,00	99,83	0,01	99,822	99,833
45,00	99,96	0,00	99,959	99,961
50,00	99,99	0,00	99,993	99,994
55,00	100,00	0,00	99,999	99,999
60,00	100,00	0,00	100	100
65,00	100,00	0,00	100	100
70,00	100,00	0,00	100	100
80,00	100,00	0,00	100	100

Mess-Nr.	16299	Name	(1)	Datum	22-Apr-21 11:51:46
Material	Isolationswolle	Lot		6 Minuten gemahlen auf Pulverisette 9	RMS-Fehler 0,039
Information	in Wasser, + 0,1% Na4P2O7, 30s Ultraschall	Comment	Intern	Strahlabsorption	21%

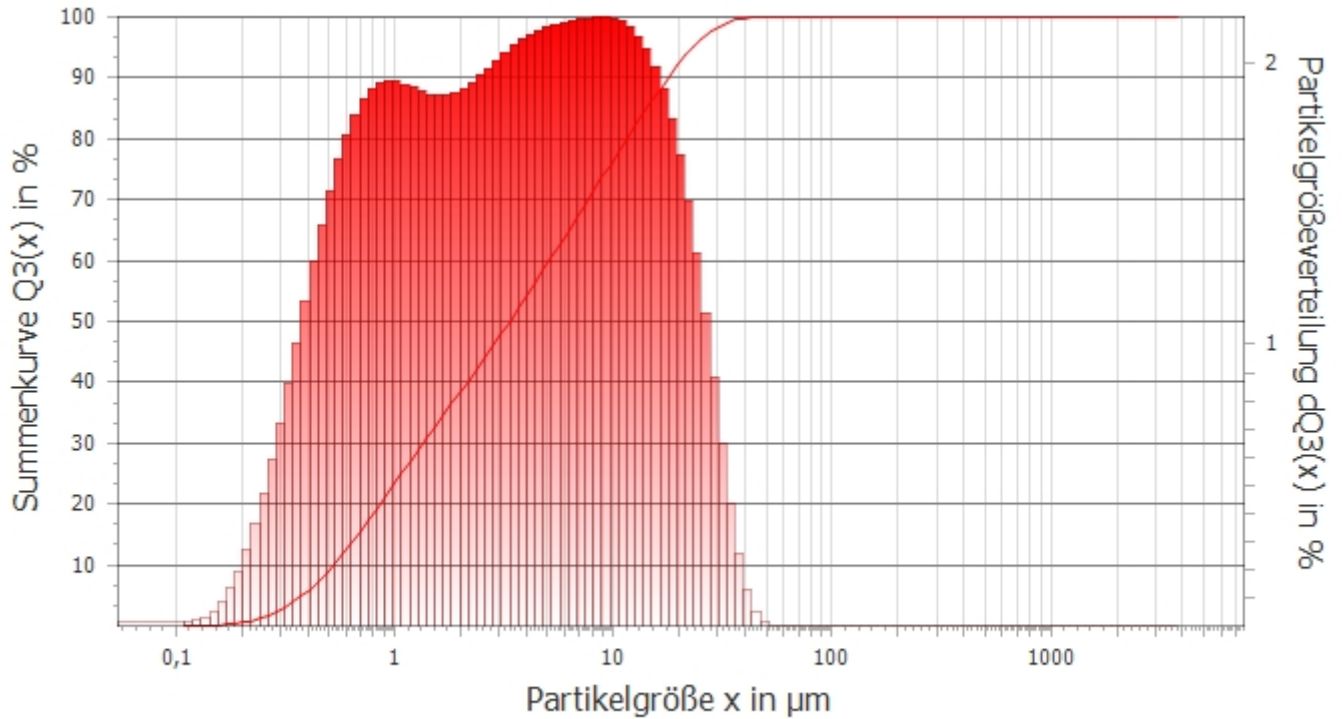


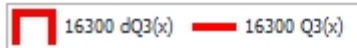


%	< µm
5,0	0,38
10,0	0,53
15,0	0,69
20,0	0,87
30,0	1,39
40,0	2,21
50,0	3,43
60,0	5,18
70,0	7,76
80,0	11,64
90,0	17,93
95,0	23,29
97,0	26,74
99,0	32,74

%	< µm
0,0	0,10
9,0	0,50
23,0	1,00
37,8	2,00
46,8	3,00
59,1	5,00
70,8	8,00
76,3	10,00
86,0	15,00
92,2	20,00
96,1	25,00
98,3	30,00
99,4	35,00
99,8	40,00
100,0	50,00

Mess-Nr.	16300	Name	(2)	Datum	22-Apr-21 11:51:50
Material	Isolationswolle	Lot		6 Minuten gemahlen auf Pulverisette 9	RMS-Fehler 0,040
Information	in Wasser, + 0,1% Na4P2O7, 30s Ultraschall	Comment	Intern	Strahlabsorption	21%



 16300 dQ3(x) — 16300 Q3(x)

%	< µm
5,0	0,38
10,0	0,52
15,0	0,68
20,0	0,85
30,0	1,35
40,0	2,14
50,0	3,34
60,0	5,08
70,0	7,66
80,0	11,50
90,0	17,72
95,0	23,04
97,0	26,47
99,0	32,52

%	< µm
0,0	0,10
9,2	0,50
23,5	1,00
38,5	2,00
47,5	3,00
59,6	5,00
71,1	8,00
76,6	10,00
86,3	15,00
92,4	20,00
96,2	25,00
98,4	30,00
99,4	35,00
99,8	40,00
100,0	50,00