

Overview of all measurements

Protocoll-No.

S220005

Calculation Fraunhofer

TradeOff

broad (100,0)

Refractive index ---

Absorptions coefficient ---

Material

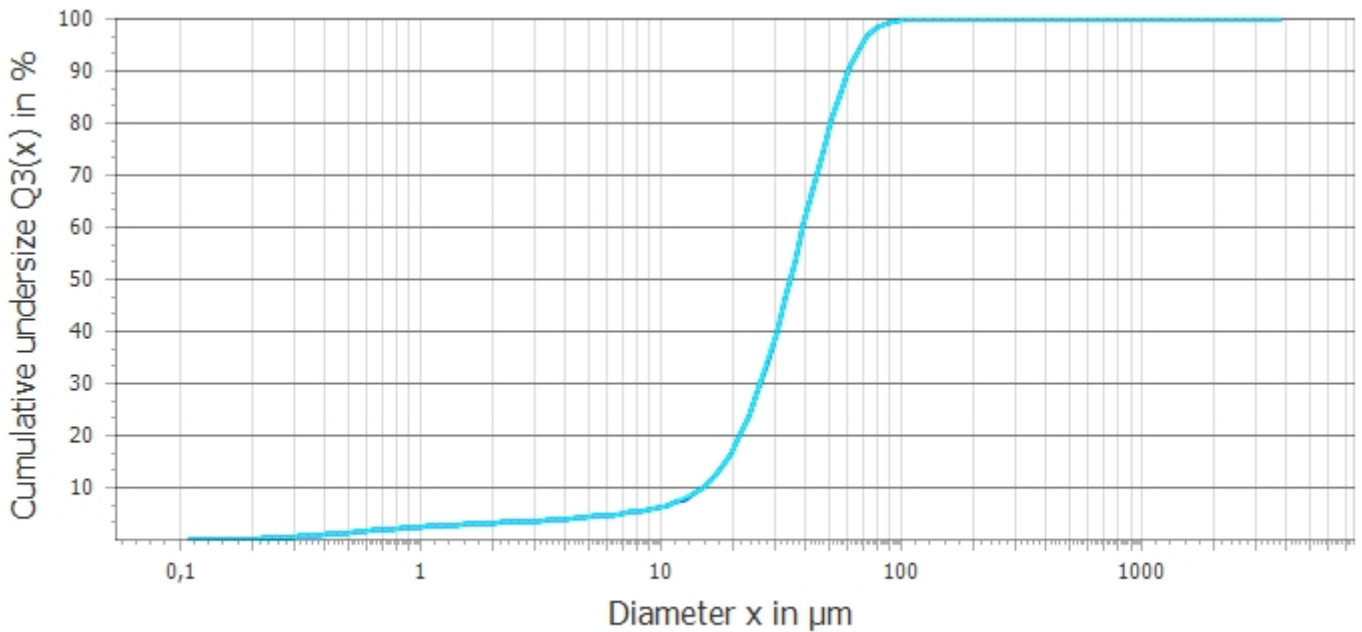
Flüssigdünger / liq.
Fertilizer

Measurement Range 0,01 - 3800 µm

Pump 20 %

Ultrasonic

0 %

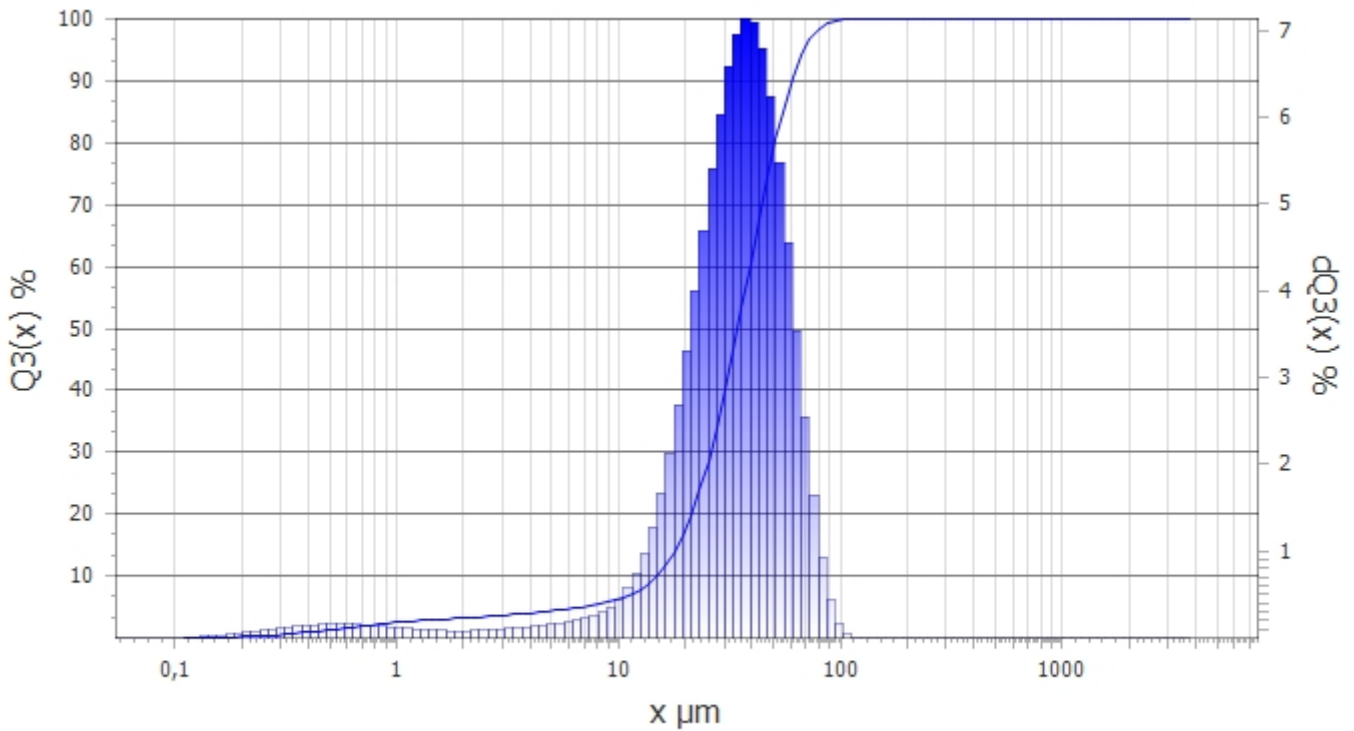


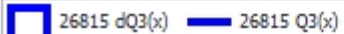
26815 Q3(x) 26816 Q3(x)

% <	mean µm	CV[%]	M26815	M26816
10,0	14,8	0,1	14,86	14,81
50,0	34,5	0,1	34,53	34,49
90,0	60,3	0,1	60,31	60,24
99,0	84,0	0,1	84,05	83,92

< µm	mean %	CV[%]	M26815	M26816
0,10	0,0	0,0	0	0
0,50	1,3	0,3	1,33	1,33
1,00	2,5	0,1	2,49	2,48
10,00	6,3	0,2	6,28	6,31
30,00	39,4	0,1	39,39	39,49
50,00	78,9	0,1	78,89	78,98
70,00	95,6	0,0	95,6	95,64
100,00	99,9	0,0	99,89	99,89
150,00	100,0	0,0	100	100

Meas. No.	26815	Name	(1)	Date	19-Jan-22 8:34:44
Material	Flüssigdünger / liq. Fertilizer	Lot	original	RMS-Error	0,0324
Information	PMay	Comment	S220005	Beam Obscuration	7%

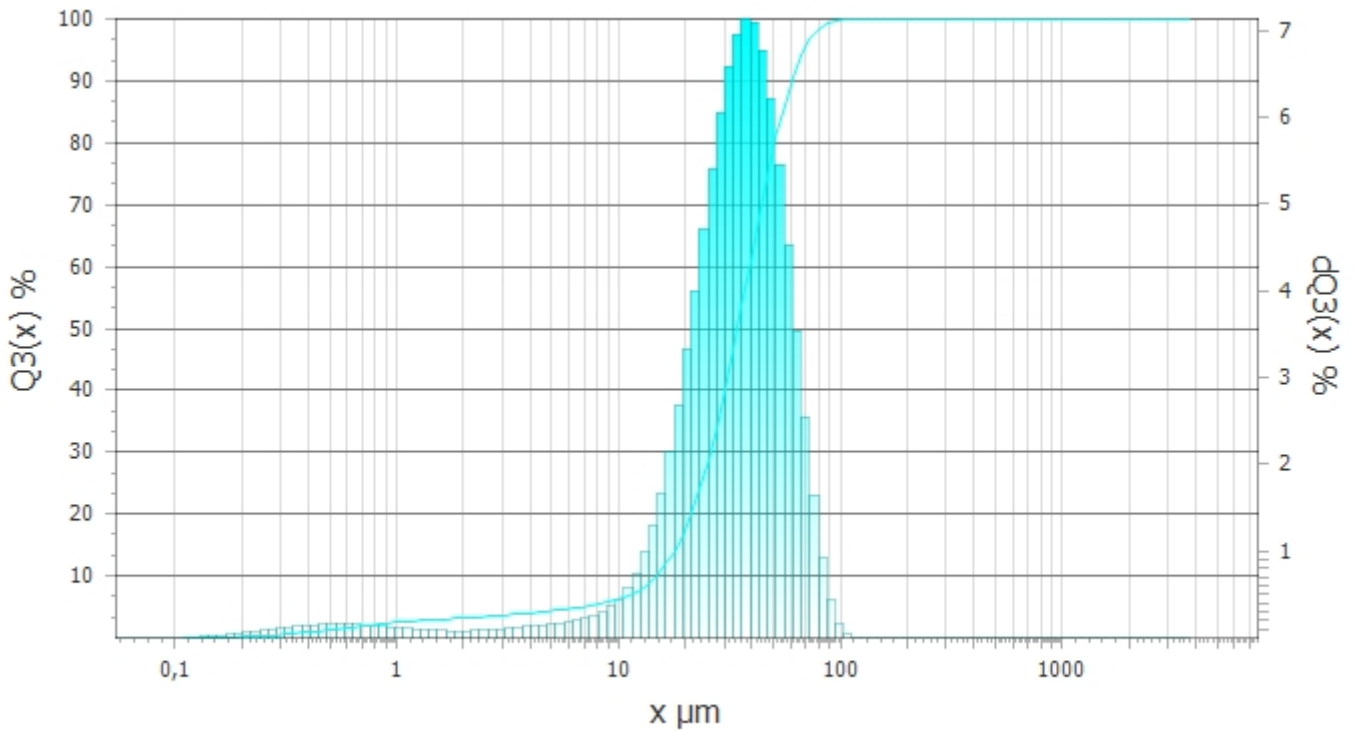


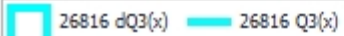
 26815 dQ3(x) — 26815 Q3(x)

%	< µm
5,0	6,82
10,0	14,86
15,0	18,52
20,0	21,34
30,0	26,00
40,0	30,26
50,0	34,53
60,0	39,08
70,0	44,33
80,0	50,77
85,0	54,96
90,0	60,31
95,0	68,57
97,0	73,76
99,0	84,05

< µm	%
0,01	0,0
0,02	0,0
0,03	0,0
0,05	0,0
0,08	0,0
0,10	0,0
0,15	0,0
0,20	0,2
0,30	0,5
0,40	0,9
0,70	1,9
1,00	2,5
1,20	2,7
1,50	2,9
2,00	3,2

Meas. No.	26816	Name	(2)	Date	19-Jan-22 8:34:56
Material	Flüssigdünger / liq. Fertilizer	Lot	original	RMS-Error	0,0320
Information	PMay	Comment	S220005	Beam Obscuration	7%

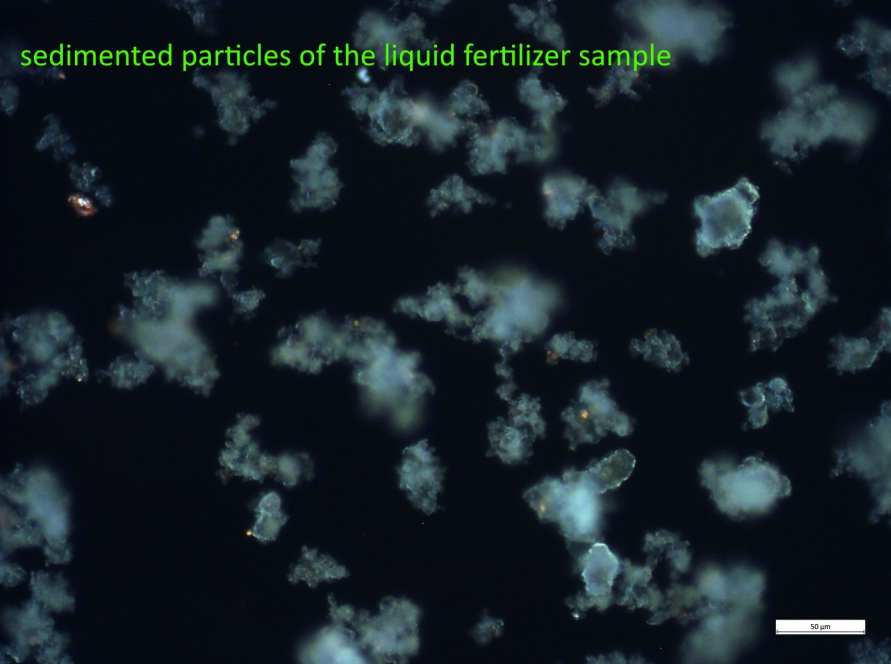




%	< µm
5,0	6,77
10,0	14,81
15,0	18,48
20,0	21,30
30,0	25,96
40,0	30,21
50,0	34,49
60,0	39,03
70,0	44,27
80,0	50,71
85,0	54,89
90,0	60,24
95,0	68,45
97,0	73,62
99,0	83,92

< µm	%
0,01	0,0
0,02	0,0
0,03	0,0
0,05	0,0
0,08	0,0
0,10	0,0
0,15	0,0
0,20	0,2
0,30	0,5
0,40	0,9
0,70	1,9
1,00	2,5
1,20	2,7
1,50	2,9
2,00	3,2

sedimented particles of the liquid fertilizer sample



50 μm