FRITSCH "analysette22" NanoTec

Meas. No. 3538 **SOP** 45 **Date** 21.04.2008 10:01:35 **Operator:** FRITSCHLAN\benes

Material: Zeolite Y **Original Sample**

Description: Original sample
in water + Na4P2O7, 30s ultrasonic

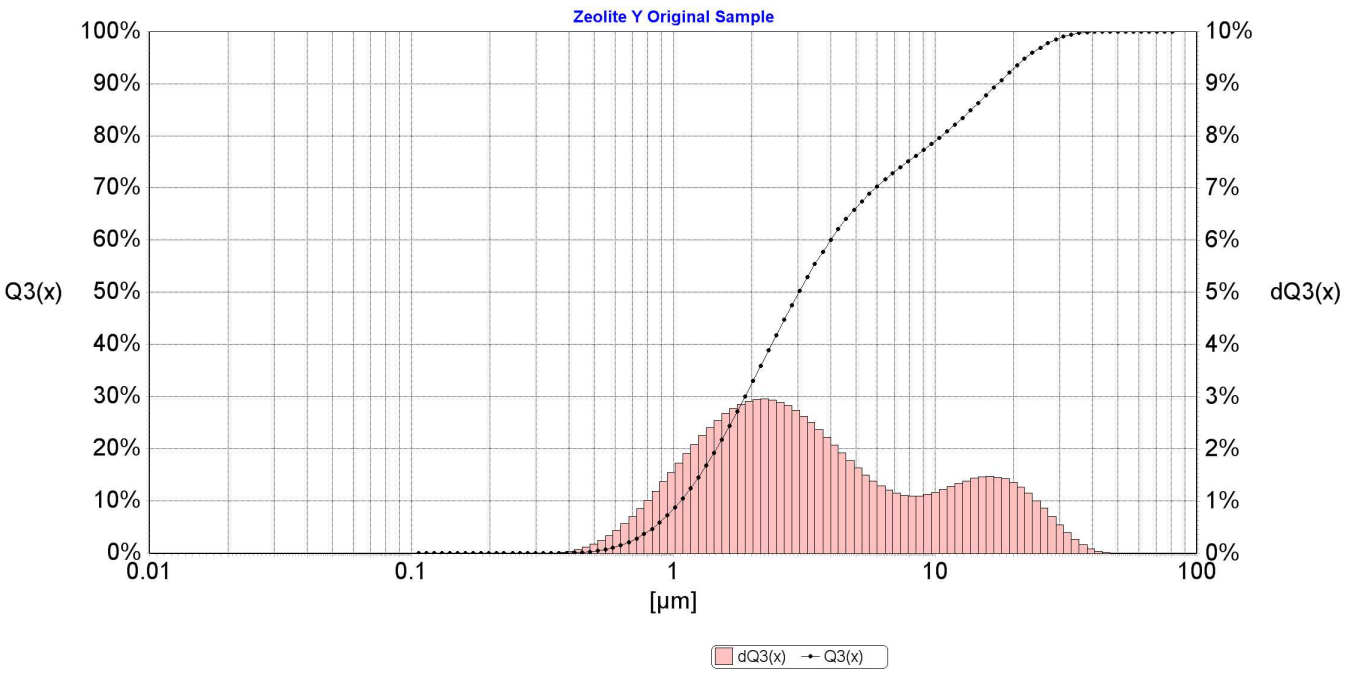
Calculation	Automatische Modellerkennung		
Mode	Wet	**Serial No.**	22.2000.00/90771
Beam absorption	12.4 %	**Pump**	60.00 %
Meas. range	0.10 µm - 106.21 µm	**Cellposition**	2
Channels	102	**Ultrasonic**	An
Scans	100	**Prot.-No.:**	080094

5-99%

Obere Kornklasse [µm]	Q3(x) [%]
0.847	5.0
1.070	10.0
1.270	15.0
1.468	20.0
1.670	25.0
1.883	30.0
2.115	35.0
2.380	40.0
2.678	45.0
3.019	50.0
3.442	55.0
3.997	60.0
4.764	65.0
5.921	70.0
7.872	75.0
10.642	80.0
13.795	85.0
17.434	90.0
22.370	95.0
30.969	99.0

01-50µm

Obere Kornklasse [µm]	Q3(x) [%]
0.100	0.0
0.200	0.0
0.400	0.1
0.600	1.2
0.800	4.1
1.000	8.4
1.500	20.8
2.000	32.6
2.500	42.2
3.000	49.7
4.000	60.0
5.000	66.2
6.000	70.3
8.000	75.3
10.000	78.9
15.000	86.8
20.000	92.9
25.000	96.7
30.000	98.7
40.000	99.9
50.000	100.0



FRITSCH "analysette22" NanoTec

Meas. No. 3548 **SOP** 0 **Date** 22.04.2008 08:13:10 **Operator:** FRITSCHLAN\benes

Material: Zeolite Y 60min p-7 pl

Description: after 60min p-7 premium line
in water + Na4P2O7, 30s ultrasonic

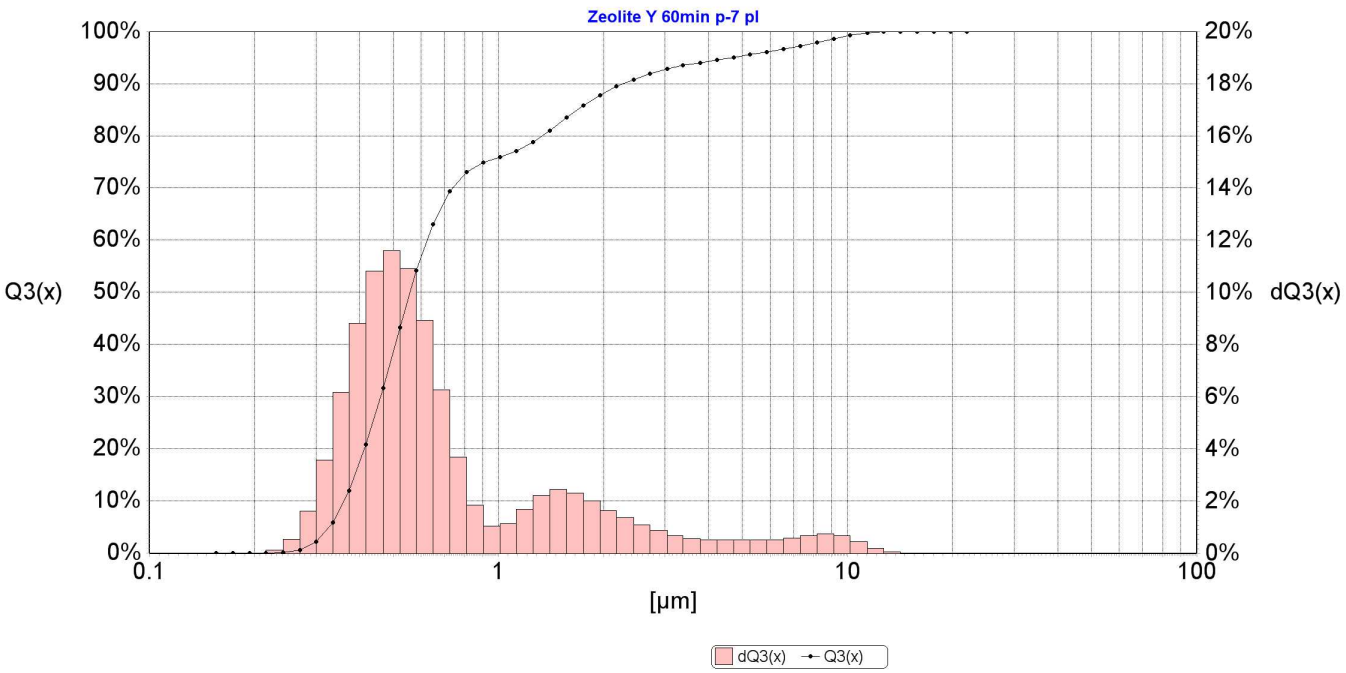
Calculation	Automatische Modellerkennung		
Mode	Wet	**Serial No.**	22.2000.00/90771
Beam absorption	5.7 %	**Pump**	60.00 %
Meas. range	0.10 µm - 53.10 µm	**Cellposition**	1
Channels	57	**Ultrasonic**	An
Scans	100	**Prot.-No.:**	080094

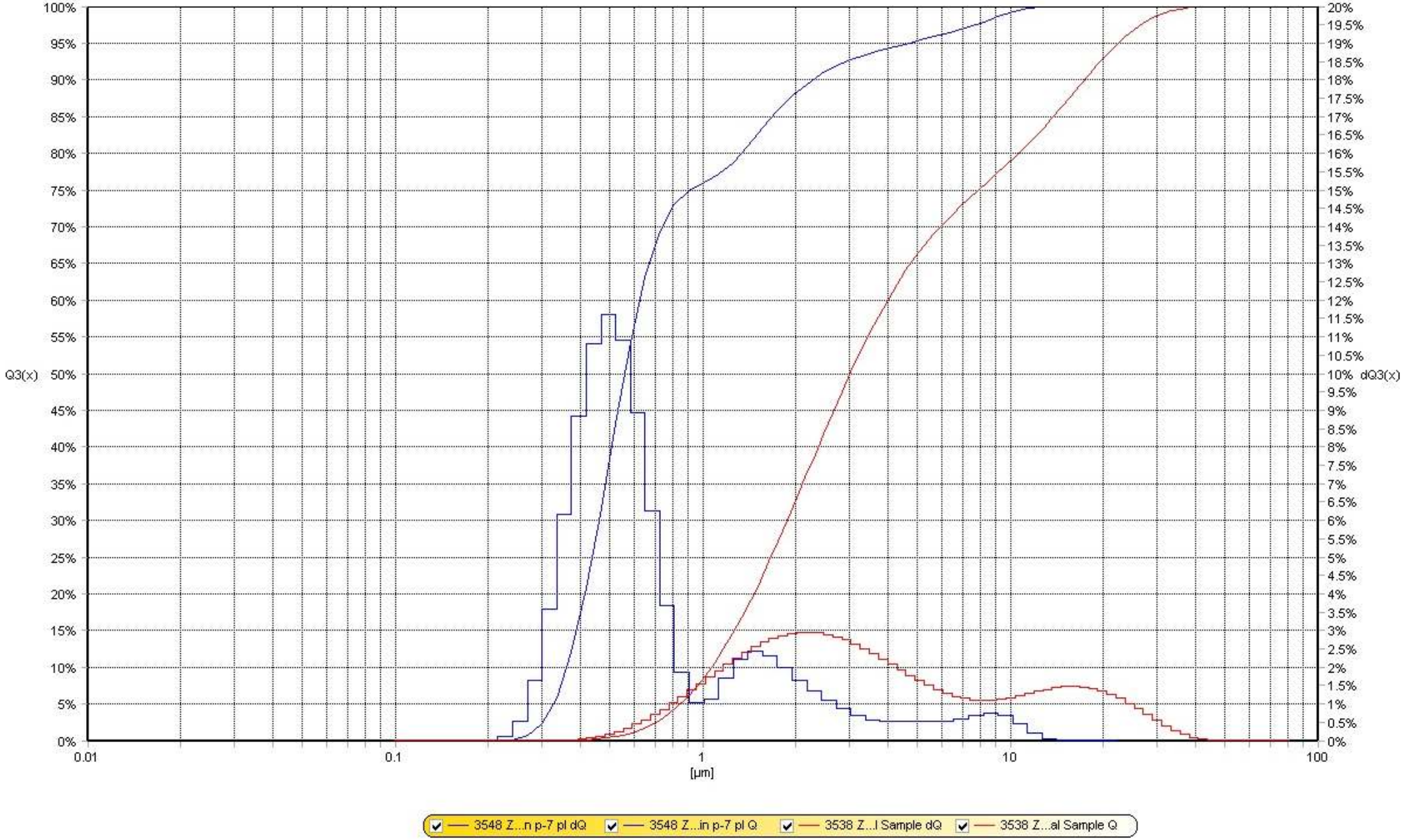
5-99%

Obere Kornklasse [µm]	Q3(x) [%]
0.327	5.0
0.361	10.0
0.389	15.0
0.414	20.0
0.437	25.0
0.460	30.0
0.484	35.0
0.507	40.0
0.532	45.0
0.559	50.0
0.588	55.0
0.626	60.0
0.673	65.0
0.740	70.0
0.913	75.0
1.337	80.0
1.689	85.0
2.289	90.0
4.677	95.0
9.731	99.0

01-50µm

Obere Kornklasse [µm]	Q3(x) [%]
0.100	0.0
0.200	0.0
0.400	17.2
0.600	56.5
0.800	72.6
1.000	75.9
1.500	82.4
2.000	88.1
2.500	91.0
3.000	92.7
4.000	94.3
5.000	95.3
6.000	96.2
8.000	97.7
10.000	99.2
15.000	100.0
20.000	100.0
25.000	100.0
30.000	100.0
40.000	100.0
50.000	100.0




100%
95%
90%
85%
80%
75%
70%
65%
60%
55%
50%
45%
40%
35%
30%
25%
20%
15%
10%
5%
0%
Q3(x)
20%
19.5%
19%
18.5%
18%
17.5%
17%
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5%
4.5%
4%
3.5%
3%
2.5%
2%
1.5%
1%
0.5%
0%
dQ3(x)
0.01
0.1
1
10
100
[µm]
3548 Z...n p-7 pl dQ
3548 Z...in p-7 pl Q
3538 Z...l Sample dQ
3538 Z...al Sample Q