

## Result 1



## PLANETARY MONO MILL PULVERISETTE 6 CLASSIC LINE

Rotation: 650 rpm

250 ml stainless steel bowl + 15x 20 mm balls made of stainless steel.

Feed quantity:

40 g\*1

Feed Size:

7 < 3 mm

Grinding time:

10 min\*2

Final fineness:

99,2% < 45 µm\*3

Comments:

\*1: For the 250ml bowl, only 40-50g of the coarse type of activated carbon fit inside. To grind more sample, we recommend the 500ml bowl with 25 of the 20mm balls.

\*2: There is no sticking of sample on balls or bowl. For getting a better fineness, a longer grinding is still possible.

\*3: To determine the fineness, our Vibratory Sieve Shaker ANALYSETTE 3 Pro in combination with a 45µm sieve has sieved 10g of sample for 15minutes.

Mess Nr. 6809    SOP 13    Datum 08.05.2009 09:04:51    Benutzer FRITSCHLAN\Benes

Material: **Caktiv 1 (+Ultraschall)**

**P7pl 45ml 1mm 36min**

Dispergierung: water + 0,1%Na4P2O7

Berechnung Automatische Modellerkennung

Methode Wet

Serien Nr. 22.2000.00/90771

Strahlabsorption 18,1 %

Pumpe 70,00 %

Meßbereich 0,10 µm - 53,10 µm

Zellpositionen 1

Kanäle 51

Ultraschall An

Scans 100

Prot.-Nr.: **090098**

5-99%

Oberer Kornklasse [µm]	Q3(x) [%]
0,141	5,0
0,562	10,0
0,767	15,0
0,928	20,0
1,076	25,0
1,220	30,0
1,366	35,0
1,517	40,0
1,676	45,0
1,848	50,0
2,031	55,0
2,235	60,0
2,473	65,0
2,738	70,0
3,051	75,0
3,429	80,0
3,920	85,0
4,654	90,0
5,938	95,0
9,362	99,0

01-20µm

Oberer Kornklasse [µm]	Q3(x) [%]
0,100	2,3
0,150	5,5
0,200	7,2
0,300	7,7
0,400	8,0
0,500	9,0
0,600	10,8
0,700	13,1
0,800	16,0
1,000	22,4
1,200	29,3
1,500	39,5
2,000	54,2
2,500	65,5
3,000	74,2
4,000	85,8
5,000	91,8
6,000	95,1
8,000	98,2
10,000	99,2
15,000	99,9
20,000	100,0

