

Bettersize2000S喷雾激光粒度分析仪

百分页分析报告

测试范围: 0.10μm - 2000μm

样品名称:0.6mm-70kpa-3 样品编号:0001 样品来源:燕山大学 测试人员:李岳 测试时间:2024-06-015:37:47 测试单位:嘎哈医疗

物质折射率:1.333 物质吸收率:0 介质折射率:1

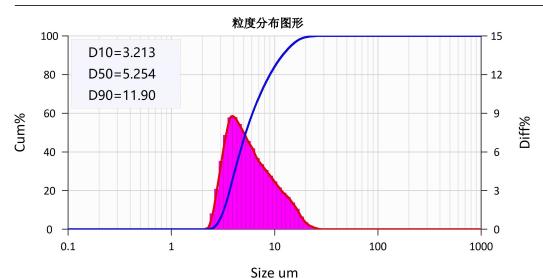
光学模式: Mie 分析模式: 自适应 分布类型: 体积分布

体积平均径D[4,3] 6.515 μm 面积平均径D[3,2] 5.130 μm 数量平均径D[1,0] 3.843 μm 峰值粒径: 4.009 μm

跨度: 1.653 比表面积: 433.1m^2/kg 拟合残差: 2.943 % 遮光率: 23.42 %

 $D03 = 2.793 \ \mu m$ $D06 = 3.010 \ \mu m$ $D10 = 3.213 \ \mu m$ $D16 = 3.491 \ \mu m$ $D25 = 3.873 \ \mu m$

 $D75 = 8.024 \mu m$ $D50 = 5.254 \mu m$ $D84 = 9.961 \mu m$ $D90 = 11.90 \mu m$ $D97 = 16.04 \mu m$



典型粒度分布表

| 粒径μm | 含量% | | | |
|-------|--------|--|--|--|
| 0.050 | 0.00 | | | |
| 0.100 | 0.00 | | | |
| 0.200 | 0.00 | | | |
| 0.500 | 0.00 | | | |
| 1.000 | 0.00 | | | |
| 2.000 | 0.00 | | | |
| 5.000 | 46.60 | | | |
| 10.00 | 84.15 | | | |
| 20.00 | 99.35 | | | |
| 45.00 | 100.00 | | | |

百分数分级表

| 百分位点 | 粒径µm | 百分位点 | 粒径µm | 百分位点 | 粒径µm | 百分位点 | 粒径µm | 百分位点 | 粒径µm |
|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| 1.00 | 2.556 | 21.00 | 3.703 | 41.00 | 4.671 | 61.00 | 6.200 | 81.00 | 9.186 |
| 2.00 | 2.721 | 22.00 | 3.746 | 42.00 | 4.730 | 62.00 | 6.296 | 82.00 | 9.439 |
| 3.00 | 2.793 | 23.00 | 3.788 | 43.00 | 4.788 | 63.00 | 6.396 | 83.00 | 9.700 |
| 4.00 | 2.865 | 24.00 | 3.831 | 44.00 | 4.846 | 64.00 | 6.517 | 84.00 | 9.961 |
| 5.00 | 2.938 | 25.00 | 3.873 | 45.00 | 4.904 | 65.00 | 6.638 | 85.00 | 10.22 |
| 6.00 | 3.010 | 26.00 | 3.917 | 46.00 | 4.963 | 66.00 | 6.759 | 86.00 | 10.50 |
| 7.00 | 3.072 | 27.00 | 3.964 | 47.00 | 5.029 | 67.00 | 6.881 | 87.00 | 10.84 |
| 8.00 | 3.119 | 28.00 | 4.011 | 48.00 | 5.104 | 68.00 | 7.002 | 88.00 | 11.18 |
| 9.00 | 3.166 | 29.00 | 4.058 | 49.00 | 5.179 | 69.00 | 7.123 | 89.00 | 11.53 |
| 10.00 | 3.213 | 30.00 | 4.105 | 50.00 | 5.254 | 70.00 | 7.254 | 90.00 | 11.90 |
| 11.00 | 3.260 | 31.00 | 4.152 | 51.00 | 5.329 | 71.00 | 7.408 | 91.00 | 12.35 |
| 12.00 | 3.307 | 32.00 | 4.199 | 52.00 | 5.404 | 72.00 | 7.562 | 92.00 | 12.79 |
| 13.00 | 3.354 | 33.00 | 4.246 | 53.00 | 5.479 | 73.00 | 7.716 | 93.00 | 13.24 |
| 14.00 | 3.401 | 34.00 | 4.293 | 54.00 | 5.554 | 74.00 | 7.870 | 94.00 | 13.83 |
| 15.00 | 3.447 | 35.00 | 4.340 | 55.00 | 5.629 | 75.00 | 8.024 | 95.00 | 14.45 |
| 16.00 | 3.491 | 36.00 | 4.387 | 56.00 | 5.721 | 76.00 | 8.186 | 96.00 | 15.07 |
| 17.00 | 3.533 | 37.00 | 4.439 | 57.00 | 5.817 | 77.00 | 8.386 | 97.00 | 16.04 |
| 18.00 | 3.576 | 38.00 | 4.497 | 58.00 | 5.913 | 78.00 | 8.586 | 98.00 | 17.02 |
| 19.00 | 3.618 | 39.00 | 4.555 | 59.00 | 6.009 | 79.00 | 8.786 | 99.00 | 18.89 |
| 20.00 | 3.661 | 40.00 | 4.613 | 60.00 | 6.104 | 80.00 | 8.986 | 100.00 | 27.14 |

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