# Particle Size Analysis -

22-36

-

07-03-2021 11:32

S3000/S3500
S3668

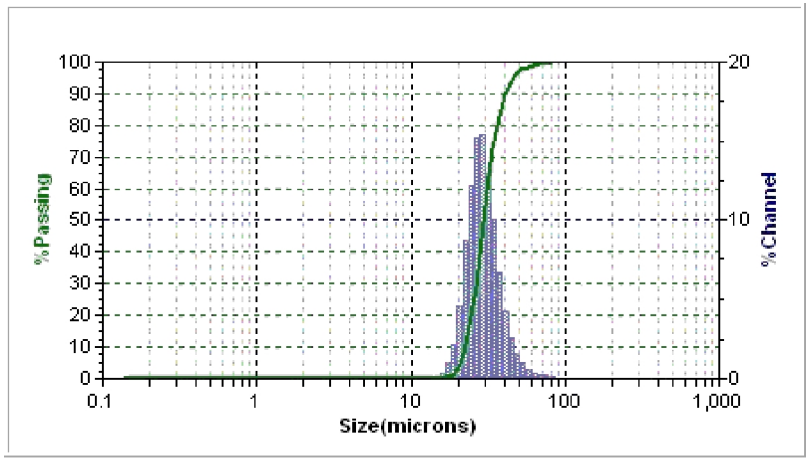
| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Distribution: | Volume | Run Time: | 10 Sec | Fluid: | WATER | | |
| Progression: | Geom 8 Root | Run Num: | 1 of 1 | Fluid Ref. Index: | 1.333 | Loading Factor: | 0.052 |
| Upper Edge: | 704 | Particle: | CURRENT PARTICLE | Above Residual: | 0 | Transmission: | 0.91 |
| Lower Edge: | 0.122 | Transparency: | Transparent | Below Residual: | 0 | | |
| Residuals: | Disabled | Part. Ref. Index: | 2.41 | | | Flow: | 35 % |
| Num. Channels: | 100 | Part. Shape: | Irregular | Cell ID: | 0507 | Usonic Power: | N/A |
| Analysis Mode: | X100 | | | | | Usonic Time: | N/A |
| Filter: | Enabled | DB Record: | 24264 | Recalc Status: | | Serial Num: | S3668 |
| Extended Rng: | Disabled | Database: | C:\Program Files\Microtrac FLEX 10.2.9\Databases\DB2016.MDB | | | | |

| Data Item | Value |
|---|---|
| MV(um): | 31.02 |
| MN(um): | 26.42 |
| MA(um): | 29.22 |
| CS: | 2.05E-01 |
| SD: | 6.9200 |

| Size(um) | %Tile |
|---|---|
| | |

| %Tile | Size(um) |
|---|---|
| 5.00 | 20.91 |
| 10.00 | 22.49 |
| 30.00 | 26.33 |
| 40.00 | 27.90 |
| 50.00 | 29.48 |
| 60.00 | 31.22 |
| 90.00 | 41.01 |
| 95.00 | 46.25 |
| 97.00 | 50.62 |
| 99.00 | 61.61 |

| Dia | Vol% | Width |
|---|---|---|
| 29.48 | 100.0 | 13.84 |




| Size(um) | %Chan | % Pass | Size(um) | %Chan | % Pass | Size(um) | %Chan | % Pass | Size(um) | %Chan | % Pass |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 704.0 | 0.00 | 100.00 | 37.00 | 10.05 | 82.46 | 1.945 | 0.00 | 0.00 | | | |
| 645.6 | 0.00 | 100.00 | 33.93 | 12.94 | 72.41 | 1.783 | 0.00 | 0.00 | | | |
| 592.0 | 0.00 | 100.00 | 31.11 | 15.42 | 59.47 | 1.635 | 0.00 | 0.00 | | | |
| 542.9 | 0.00 | 100.00 | 28.53 | 15.15 | 44.05 | 1.499 | 0.00 | 0.00 | | | |
| 497.8 | 0.00 | 100.00 | 26.16 | 12.18 | 28.90 | 1.375 | 0.00 | 0.00 | | | |
| 456.5 | 0.00 | 100.00 | 23.99 | 8.70 | 16.72 | 1.261 | 0.00 | 0.00 | | | |
| 418.6 | 0.00 | 100.00 | 22.00 | 4.56 | 8.02 | 1.156 | 0.00 | 0.00 | | | |
| 383.9 | 0.00 | 100.00 | 20.17 | 2.17 | 3.46 | 1.060 | 0.00 | 0.00 | | | |
| 352.0 | 0.00 | 100.00 | 18.50 | 0.96 | 1.29 | 0.972 | 0.00 | 0.00 | | | |
| 322.8 | 0.00 | 100.00 | 16.96 | 0.33 | 0.33 | 0.892 | 0.00 | 0.00 | | | |
| 296.0 | 0.00 | 100.00 | 15.56 | 0.00 | 0.00 | 0.818 | 0.00 | 0.00 | | | |
| 271.4 | 0.00 | 100.00 | 14.27 | 0.00 | 0.00 | 0.750 | 0.00 | 0.00 | | | |
| 248.9 | 0.00 | 100.00 | 13.08 | 0.00 | 0.00 | 0.688 | 0.00 | 0.00 | | | |
| 228.2 | 0.00 | 100.00 | 12.00 | 0.00 | 0.00 | 0.630 | 0.00 | 0.00 | | | |
| 209.3 | 0.00 | 100.00 | 11.00 | 0.00 | 0.00 | 0.578 | 0.00 | 0.00 | | | |
| 191.9 | 0.00 | 100.00 | 10.09 | 0.00 | 0.00 | 0.530 | 0.00 | 0.00 | | | |
| 176.0 | 0.00 | 100.00 | 9.25 | 0.00 | 0.00 | 0.486 | 0.00 | 0.00 | | | |
| 161.4 | 0.00 | 100.00 | 8.48 | 0.00 | 0.00 | 0.446 | 0.00 | 0.00 | | | |
| 148.0 | 0.00 | 100.00 | 7.78 | 0.00 | 0.00 | 0.409 | 0.00 | 0.00 | | | |
| 135.7 | 0.00 | 100.00 | 7.13 | 0.00 | 0.00 | 0.375 | 0.00 | 0.00 | | | |
| 124.5 | 0.00 | 100.00 | 6.54 | 0.00 | 0.00 | 0.344 | 0.00 | 0.00 | | | |
| 114.1 | 0.00 | 100.00 | 6.00 | 0.00 | 0.00 | 0.315 | 0.00 | 0.00 | | | |
| 104.7 | 0.00 | 100.00 | 5.50 | 0.00 | 0.00 | 0.2890 | 0.00 | 0.00 | | | |
| 95.96 | 0.00 | 100.00 | 5.04 | 0.00 | 0.00 | 0.2650 | 0.00 | 0.00 | | | |
| 88.00 | 0.12 | 100.00 | 4.62 | 0.00 | 0.00 | 0.2430 | 0.00 | 0.00 | | | |
| 80.70 | 0.19 | 99.88 | 4.24 | 0.00 | 0.00 | 0.2230 | 0.00 | 0.00 | | | |
| 74.00 | 0.26 | 99.69 | 3.89 | 0.00 | 0.00 | 0.2040 | 0.00 | 0.00 | | | |
| 67.86 | 0.37 | 99.43 | 3.57 | 0.00 | 0.00 | 0.1870 | 0.00 | 0.00 | | | |
| 62.23 | 0.59 | 99.06 | 3.27 | 0.00 | 0.00 | 0.1720 | 0.00 | 0.00 | | | |
| 57.06 | 0.95 | 98.47 | 2.999 | 0.00 | 0.00 | 0.1580 | 0.00 | 0.00 | | | |
| 52.33 | 1.55 | 97.52 | 2.750 | 0.00 | 0.00 | 0.1450 | 0.00 | 0.00 | | | |
| 47.98 | 2.61 | 95.97 | 2.522 | 0.00 | 0.00 | 0.1330 | 0.00 | 0.00 | | | |
| 44.00 | 4.24 | 93.36 | 2.312 | 0.00 | 0.00 | | | | | | |
| 40.35 | 6.66 | 89.12 | 2.121 | 0.00 | 0.00 | | | | | | |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Warnings: NONE