

Result: Analysis Report

| Sample Details | | |
|-----------------------------|--------------------|---------------------------------|
| Sample ID: GP-12 RKF Sample | Run Number: 35 | Measured: Mon 6 Aug 2012 3:27PM |
| Sample File: CLA-ASH | Record Number: 242 | Analysed: Mon 6 Aug 2012 3:27PM |
| Sample Path: D:\ | | Result Source: Analysed |
| Sample Notes: R23 3/8/12 | | |

| System Details | | |
|------------------------------|---|----------------------------------|
| Sampler: Ò Èà | | Measured Beam Obscuration: 5.1 % |
| Presentation: 5_CAL | [Particle R.I. = (1.6800, 0.1000); Dispersant R.I. = 1.4780] | |
| Analysis Model: Polydisperse | | Residual: 2.462 % |
| Modifications: None | | |

| Result Statistics | | | |
|---------------------------|-----------------------------|-----------------------------|-----------------------------------|
| Distribution Type: Volume | Concentration = 0.0012 %Vol | Density = 1.000 g / cub. cm | Specific S.A. = 11.9754 sq. m / g |
| Mean Diameters: | D (v, 0.1) = 0.18 µm | D (v, 0.5) = 1.42 µm | D (v, 0.9) = 7.33 µm |
| D [4, 3] = 2.80 µm | D [3, 2] = 0.50 µm | Span = 5.045E+00 | Uniformity = 1.666E+00 |

| Size Low (µm) | In % | Size High (µm) | Under% | Size Low (µm) | In % | Size High (µm) | Under% |
|---------------|------|----------------|--------|---------------|------|----------------|--------|
| 0.05 | 0.11 | 0.06 | 0.11 | 5.69 | 5.17 | 6.63 | 86.91 |
| 0.06 | 0.25 | 0.07 | 0.35 | 6.63 | 4.54 | 7.72 | 91.45 |
| 0.07 | 0.43 | 0.08 | 0.79 | 7.72 | 3.58 | 9.00 | 95.03 |
| 0.08 | 0.69 | 0.09 | 1.47 | 9.00 | 2.62 | 10.48 | 97.65 |
| 0.09 | 1.03 | 0.11 | 2.50 | 10.48 | 1.66 | 12.21 | 99.31 |
| 0.11 | 1.45 | 0.13 | 3.95 | 12.21 | 0.69 | 14.22 | 100.00 |
| 0.13 | 1.96 | 0.15 | 5.92 | 14.22 | 0.00 | 16.57 | 100.00 |
| 0.15 | 2.53 | 0.17 | 8.45 | 16.57 | 0.00 | 19.31 | 100.00 |
| 0.17 | 3.11 | 0.20 | 11.56 | 19.31 | 0.00 | 22.49 | 100.00 |
| 0.20 | 3.64 | 0.23 | 15.20 | 22.49 | 0.00 | 26.20 | 100.00 |
| 0.23 | 4.00 | 0.27 | 19.20 | 26.20 | 0.00 | 30.53 | 100.00 |
| 0.27 | 4.09 | 0.31 | 23.29 | 30.53 | 0.00 | 35.56 | 100.00 |
| 0.31 | 3.96 | 0.36 | 27.25 | 35.56 | 0.00 | 41.43 | 100.00 |
| 0.36 | 3.70 | 0.42 | 30.95 | 41.43 | 0.00 | 48.27 | 100.00 |
| 0.42 | 3.39 | 0.49 | 34.34 | 48.27 | 0.00 | 56.23 | 100.00 |
| 0.49 | 2.99 | 0.58 | 37.33 | 56.23 | 0.00 | 65.51 | 100.00 |
| 0.58 | 2.61 | 0.67 | 39.94 | 65.51 | 0.00 | 76.32 | 100.00 |
| 0.67 | 2.27 | 0.78 | 42.21 | 76.32 | 0.00 | 88.91 | 100.00 |
| 0.78 | 2.12 | 0.91 | 44.33 | 88.91 | 0.00 | 103.58 | 100.00 |
| 0.91 | 2.00 | 1.06 | 46.33 | 103.58 | 0.00 | 120.67 | 100.00 |
| 1.06 | 1.94 | 1.24 | 48.27 | 120.67 | 0.00 | 140.58 | 100.00 |
| 1.24 | 1.94 | 1.44 | 50.20 | 140.58 | 0.00 | 163.77 | 100.00 |
| 1.44 | 2.00 | 1.68 | 52.20 | 163.77 | 0.00 | 190.80 | 100.00 |
| 1.68 | 2.14 | 1.95 | 54.34 | 190.80 | 0.00 | 222.28 | 100.00 |
| 1.95 | 2.43 | 2.28 | 56.77 | 222.28 | 0.00 | 258.95 | 100.00 |
| 2.28 | 2.81 | 2.65 | 59.58 | 258.95 | 0.00 | 301.68 | 100.00 |
| 2.65 | 3.28 | 3.09 | 62.86 | 301.68 | 0.00 | 351.46 | 100.00 |
| 3.09 | 3.86 | 3.60 | 66.72 | 351.46 | 0.00 | 409.45 | 100.00 |
| 3.60 | 4.50 | 4.19 | 71.23 | 409.45 | 0.00 | 477.01 | 100.00 |
| 4.19 | 5.13 | 4.88 | 76.36 | 477.01 | 0.00 | 555.71 | 100.00 |
| 4.88 | 5.37 | 5.69 | 81.73 | | | | |

