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Product Specification (200 Mesh 3500 cps) Food Grade

| PARAMETERS | UNITS | MIN | MAX | TYPICAL VALUE |
|--|---------------------------|----------|----------|---------------|
| Einecs | 232-536-0 | | | |
| Molecular weight | 50000-8000000 | | | |
| Description | Off white odorless powder | | | |
| PURITY | | | | |
| Loss on drying (125 2 Hours) C | % by weight | 10 | 12 | 11.50 % |
| Ash (determined @ 800 C) | % by weight | 0.70 | 1.0 | 0.85% |
| Acid Insoluble Matter | % by weight | 1.0 | 3.0 | 2.05% |
| Protein (Nx6.25) | % by weight | 3.5 | 5.0 | 4.25% |
| Gum Content /Galactomannans | % by weight | 80.00 | 85.00 | 81.35% |
| Starch (1:10 solution) | Not Detected | | | |
| pH (1% paste) | pH | 6.0 | 7.0 | 6.50 |
| Heavy Metal | ppm | - | 20 | <16 |
| VISCOSITY: - 1 % COLD (25 ° C) 2 min mixing in 1800rpm | | | | |
| Elapsed Time: Spindle No. 3, RPM 20, Brookfield Viscometer Model DV-E | | | | |
| 15 Min. | mpaes | 2700 | 3100 | 2900 |
| 2 Hours | mpaes | 3500 | 3900 | 3700 |
| 24 Hours | mpaes | 3700 | 4000 | 3850 |
| GRANULOMETRY | | | | |
| Through 60 mesh | % | Pass | Pass | Pass |
| Through 100 mesh | % | Pass | Pass | Pass |
| Through 200 mesh | % | 90 | 100 | 95 |
| MICROBIOLOGY | | | | |
| Total Plate Count | cfu/gm | 1000 | 5000 | 1666 |
| Yeast & Moulds Count | cfu/gm | 100 | 500 | 166 |
| Bacillus Cereus | cfu/gm | Negative | Negative | Negative |
| Coliform & E coli | cfu/ 10 gm | Negative | Negative | Negative |
| Salmonella | cfu/ 25 gm | Negative | Negative | Negative |