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Product Specification (200 Mesh 5000 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 | 10.00 % |
| Ash (determined @ 800 C) | % by weight | 0.70 | 1.0 | 0.82% |
| Acid Insoluble Matter | % by weight | 1.0 | 3.0 | 2.00% |
| Protein (Nx6.25) | % by weight | 3.5 | 5.0 | 4.21% |
| Gum Content /Galactomannans | % by weight | 80.00 | 85.00 | 82.97% |
| 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. 4, RPM 20, Brookfield Viscometer Model DV-E | | | | |
| 15 Min. | mpaes | 4200 | 4500 | 4300 |
| 2 Hours | mpaes | 5000 | 5300 | 5150 |
| 24 Hours | mpaes | 5100 | 5400 | 5310 |
| GRANULOMETRY | | | | |
| Through 60 mesh | % | Pass | Pass | Pass |
| Through 100 mesh | % | Pass | Pass | Pass |
| Through 200 mesh | % | 90 | 100 | 95.00 |
| MICROBIOLOGY | | | | |
| Total Plate Count | cfu/gm | 1000 | 5000 | 1666 |
| Yeast & Moulds Count | cfu/gm | 100 | 500 | 133 |
| Bacillus Cereus | cfu/gm | Negative | Negative | Negative |
| Coliform & E coli | cfu/ 10 gm | Negative | Negative | Negative |
| Salmonella | cfu/ 25 gm | Negative | Negative | Negative |