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| **PRODUCT:** | **GUAR GUM POWDER 4000-4500 (CPS)** | | **Date: {{DATE}}** |
| **BATCH NO.:** | **{{BATCH\_NO}}** | | **Best Before: {{BEST\_BEFORE}}** |
| **PARAMETERS** | | **SPECIFICATIONS** | **TEST RESULTS** |
| **ORGANOLEPTIC ANALYSIS** | | | |
| Appearance/Colour | | Cream/White Powder | **Cream/White Powder** |
| Odour | | Natural | **Natural** |
| Taste | | Natural | **Natural** |
| **TECHNICAL SPECIFICATIONS** | | | |
| Gum Content (%) | | more than **80%** | **{{GUM\_CONTENT}}** |
| Moisture (%) | | less than **12%** | **{{MOISTURE}}** |
| Protein (%) | | less than **5%** | **{{PROTEIN}}** |
| ASH Content (%) | | less than **1%** | **{{ASH\_CONTENT}}** |
| AIR (%) | | less than **6%** | **{{AIR}}** |
| Fat (%) | | less than **1%** | **{{FAT}}** |
| Ph Levels | | **5.5 - 7.0** | **{{PH}}** |
| Arsenic | | less than **3.0 mg/kg** | **0.25 mg/kg** |
| Lead | | less than **2.0 mg/kg** | **0.025 mg/kg** |
| Heavy Metals | | less than **1.0 mg/kg** | **0.025 mg/kg** |
| **PARTICLE SIZE AND GRANULATION** | | | |
| Through 100 Mesh | | **99%** | **100.0 %** |
| Through 200 Mesh | | **95% - 99%** | **{{MESH\_200}}** |
| **VISCOSITY** | | | |
| After 2 hours | | ≥ 4000CPS | **{{VISCOSITY\_2H}}** (1% solution, W/W, Spindle No. 4, RPM-20, at 25°C, Cold - Brookfield Viscometer - RVDV) |
| After 24 hours | | ≤ 4500CPS | **{{VISCOSITY\_24H}}** (1% solution, W/W, Spindle No. 4, RPM - 20, at 25°C, Cold - Brookfield Viscometer - RVDV) |
| **MICROBIOLOGICAL ANALYSIS** | | | |
| APC/gm | | less than 5000 cfu/g | **<100** |
| Yeast & Mould | | less than 500 cfu/g | **Absent** |
| Coliform | | Negative | **Absent** |
| Ecoli | | Negative | **Absent** |
| Salmonella | | Negative | **Absent** |

