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| **PRODUCT:5500-6000 CPS** | | **Date: 28-02-2024** |
| **BATCH NO. :A/2/24156** | | **Shelf-life: 2 Years** |
| **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%** | **81.61 %** |
| Moisture (%) | less than **12%** | **10.5 %** |
| Protein (%) | less than **5%** | **3.15%** |
| ASH Content (%) | less than **1%** | **0.64 %** |
| AIR (%) | less than **6%** | **3%** |
| Fat (%) | less than **1%** | **0.70%** |
| Ph Levels | **5.5 - 7.0** | **6.69** |
| 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** |
| Through 200 Mesh | **95%-99%** | **99.19%** |
| **VISCOSITY** | | |
| After 2 hours | ≥5500CPS | **5600 CPS** (1% solution, W/W, Spindle No. 4, RPM-20, at 25°C, Cold - Brookfield Viscometer - RVDV) |
| After 24 hours | ≤6000CPS | **5750 CPS** (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** |