Guar Gum Powder MG235F

Specification Sheet

<table>
<thead>
<tr>
<th>Brand Name</th>
<th>MG</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product ID</td>
<td>235F</td>
</tr>
<tr>
<td>CAS#</td>
<td>9000-30-0</td>
</tr>
</tbody>
</table>

MG 235F is a fine white to pale yellow powder having medium viscosity, used in various applications in food industry where relatively lower viscosity and hydration rate is desired. This product attains a cold-water viscosity of 3500-4000 cps after hydrating for 2 hrs. Product Specification ensured by MG Ingredients are enlisted below:

**CHEMICAL ANALYSIS:**

<table>
<thead>
<tr>
<th>Moisture</th>
<th>12.00% Max</th>
</tr>
</thead>
<tbody>
<tr>
<td>Protein</td>
<td>6.00% Max</td>
</tr>
<tr>
<td>Ash</td>
<td>1.00% Max</td>
</tr>
<tr>
<td>Air</td>
<td>6.00% Max</td>
</tr>
<tr>
<td>Fat</td>
<td>1.00% Max</td>
</tr>
<tr>
<td>Gum Content</td>
<td>78.00% Min</td>
</tr>
<tr>
<td>pH</td>
<td>5.50 - 7.00</td>
</tr>
</tbody>
</table>

**GRANULATION:**

<table>
<thead>
<tr>
<th>ON 40 mesh</th>
<th>Nil</th>
</tr>
</thead>
<tbody>
<tr>
<td>ON 100 mesh</td>
<td>Traces</td>
</tr>
<tr>
<td>THROUGH 200 mesh</td>
<td>90% MIN.</td>
</tr>
</tbody>
</table>

**VISCOSITY:**

Cold Viscosity, 1% Solution, Brookfield Viscometer, Spindle # 4 @ 20 RPM @ 25°C:

<table>
<thead>
<tr>
<th>After 2 Hours</th>
<th>3500-4000 Cps</th>
</tr>
</thead>
<tbody>
<tr>
<td>After 24 Hours</td>
<td>stable or more</td>
</tr>
</tbody>
</table>

**MICROBIOLOGICAL:**

<table>
<thead>
<tr>
<th>APC/gm</th>
<th>5000 Max</th>
</tr>
</thead>
<tbody>
<tr>
<td>YEAST &amp; MOULDs/gm</td>
<td>1000 Max</td>
</tr>
<tr>
<td>COLIFORM/gm</td>
<td>NIL/ABSENT</td>
</tr>
<tr>
<td>E.COLI/10 gm</td>
<td>NEGATIVE</td>
</tr>
<tr>
<td>SALMONELLA/20 gm</td>
<td>NEGATIVE</td>
</tr>
</tbody>
</table>