Cleaver Scientific CleverGEL is an environmentally friendly agarose suitable for analysis of nucleic acids using standard electrophoretic procedures. Available as standard Low EEO, High Resolution PCR grade, Low melting point and Instant agarose tablets.

CleverGEL agarose is suitable for analysis of nucleic acids using standard electrophoretic procedures. It is manufactured by a process which excludes organic solvents harmful to marine life, making them far kinder to the environment than conventional agarose. A low EEO (electroendoosmotic) flow minimises diffusion so that even the smallest of nucleic acid fragments remains sharp and tightly resolved.

CleverGEL is available as standard Low EEO, High Resolution PCR grade, Low melting point and Instant agarose tablets.

**TECHNICAL SPECIFICATIONS**

<table>
<thead>
<tr>
<th></th>
<th>Low EEO</th>
<th>Low Melting Point</th>
<th>High Resolution</th>
<th>Instant Agarose</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAS</td>
<td>9012-36-6</td>
<td>39346-81-1</td>
<td>9012-36-6</td>
<td>9012-36-6</td>
</tr>
<tr>
<td>Gelling Point*</td>
<td>36°C±1.5°C</td>
<td>26-30°C</td>
<td>≤33°C</td>
<td>36°C±1.5°C</td>
</tr>
<tr>
<td>Melting Point*</td>
<td>88°C±1.5°C</td>
<td>≤65°C</td>
<td>≤70°C</td>
<td>≤88°C±1.5°C</td>
</tr>
<tr>
<td>Solubility</td>
<td>clear, colourless @ 1% (w/v) solution</td>
<td>clear, colourless @ 2% (w/v) solution</td>
<td>≥750 g/cm² (1.5% (w/v) gel)</td>
<td>≥1200 g/cm² (1% (w/v) gel)</td>
</tr>
<tr>
<td>Moisture</td>
<td>≤10%</td>
<td>≤10%</td>
<td>≤10%</td>
<td>≤10%</td>
</tr>
<tr>
<td>Gel Strength</td>
<td>&gt;1200 g/cm² (1% (w/v) gel)</td>
<td>&gt;200 g/cm² (1% (w/v) gel)</td>
<td>≥750 g/cm² (1.5% (w/v) gel)</td>
<td>≥1200 g/cm² (1% (w/v) gel)</td>
</tr>
<tr>
<td>Nuclease &amp; Protease Free</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
</tr>
</tbody>
</table>

*For a 1.5% (w/v) gel

**ORDERING INFORMATION**

**GENERAL PURPOSE**

- CSL-AG5: Agarose 5g, Low EEO
- CSL-AG100: Agarose 100g, Low EEO
- CSL-AG500: Agarose 500g, Low EEO
- CSL-AG1000: Agarose 1000g, Low EEO (2x500g bottles)
- CSL-AG2000: Agarose 2000g, Low EEO (4x500g)
- CSL-AG5000: Agarose 5000g, Low EEO (10x500g)
- CSL-AG10KG: Agarose 10Kg, Low EEO (20x500g)

**LOW MELTING POINT**

- CSL-LMAS: Agarose 5g, LMP
- CSL-LM50: Agarose 50g, LMP
- CSL-LMA100: Agarose 100g, LMP

**HIGH RESOLUTION PCR-GRADE**

- CSL-HR5: Agarose 5g, HR
- CSL-HRA100: Agarose 100g, HR
- CSL-HRA500: Agarose 500g, HR

**AGAROSE TABLETS**

- CSL-AGTAB: Agarose 100g, Low EEO (20x0.5g tablets, supplied as 20 blister packs of 10x 0.5g tablets)