

## Product Datasheet

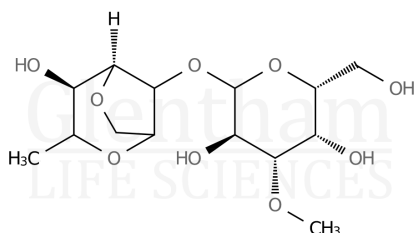
### GK9085 - Agar, high gel strength

#### Product Details

|                    |   |
|--------------------|---|
| Product Name       | Agar, high gel strength   |
| Glenthams Code     | GK9085  |
| CAS Number         | 9002-18-0   |
| EINECS             | 232-658-1   |
| MDL Number         | MFCD00081288  |
| Related Categories | Carbohydrates, Biochemicals, Reagents for PCR, Reagents for Cell Culture, Polysaccharides |

#### Structure

Molecular Weight : -  
Molecular Formula :  $(C_{12}H_{18}O_9)_n$



### Glenthams Product Specification

|                             |   |
|-----------------------------|---|
| Physical Description        | : Off-white to cream, yellowish or light-brown powder |
| pH (10% in water)           | : 6.0 - 8.0   |
| Ash                         | : $\leq 5.0\%$  |
| Water Insoluble Matter      | : $\leq 0.5\%$  |
| Water                       | : $\leq 12.0\%$                                       |
| Acid Insoluble Substances   | : $\leq 0.5\%$  |
| Starch                      | : Not Detected  |
| Gelatine and Other Proteins | : Not Detected  |
| Heavy Metals                | : $\leq 20\text{ppm}$                                 |
| Cadmium (Cd)                | : $\leq 1\text{ppm}$                                  |
| Lead (Pb)                   | : $\leq 5\text{ppm}$                                  |
| Mercury (Hg)                | : $\leq 1\text{ppm}$                                  |
| Arsenic (As)                | : $\leq 3\text{ppm}$                                  |
| Viscosity                   | : 20 - 40 cps   |
| Melting Point               | : 80 - 90 °C  |
| Gelling Temperature         | : 34 - 41 °C  |
| Gel Strength                | : $\geq 1000\text{g/cm}^2$ (1.5% gel)                 |
| Version                     | : v1.0  |

### About Agar, high gel strength

No further details on record.

### Storage

Recommended storage temperature: +20°C.

### Hazards and Transport

Not classified as hazardous under CLP.  
Not classified as dangerous for transport.

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