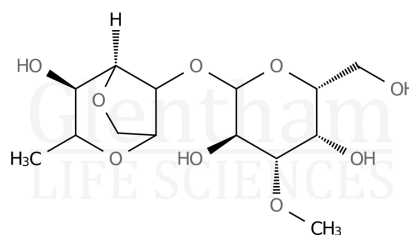


## Certificate of Analysis

Product Name Agar, low gel strength  
Glentham Code GK2227  
CAS Number 9002-18-0  
EINECS 232-658-1  
MDL Number MFCD00081288  
Batch Number 256JUD

Molecular Weight -  
Molecular Formula  $(C_{12}H_{18}O_9)_n$   
Storage Temp. +20°C



| Property               | Specification                                 | Batch 256JUD         |
|------------------------|---|----------------------|
| Physical Description   | Off-white to cream or light-brown powder      | Conforms             |
| pH (10% in water)      | 6.0 - 7.5                                     | 6.83                 |
| Ash                    | ≤ 5.0%  | 2.2%                 |
| Water Insoluble Matter | ≤ 0.5%  | Conforms             |
| Water                  | ≤ 12.0%                                       | 11.1%                |
| Heavy Metals           | ≤ 20ppm                                       | Conforms             |
| Cadmium (Cd)           | ≤ 1ppm  | Conforms             |
| Lead (Pb)              | ≤ 5ppm  | Conforms             |
| Mercury (Hg)           | ≤ 1ppm  | Conforms             |
| Arsenic (As)           | ≤ 3ppm  | Conforms             |
| Total Plate Count      | ≤ 5000CFU/g                                   | 700CFU/g             |
| Salmonella             | Absent  | Conforms             |
| E. Coli                | Absent  | Conforms             |
| Viscosity              | 10 - 25 cps                                   | 15cps                |
| Gelling Temperature    | 37 - 40 °C                                    | 38°C                 |
| Gel Strength           | ≥ 600g/cm <sup>2</sup> (1.5% gel, Nikan test) | 710g/cm <sup>2</sup> |

Specification Version v1.0  
Manufacture Date 2017-10-10  
Re-Test Date 2027-10-26

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check [www.glentham.com](http://www.glentham.com) or contact us using the details above for the current version of this document.

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