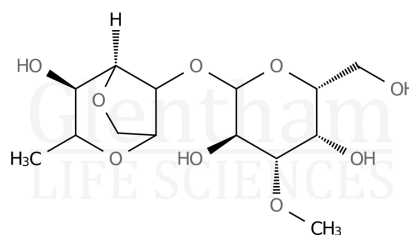


## Certificate of Analysis

Product Name Agar, high gel strength  
Glentham Code GK9085  
CAS Number 9002-18-0  
EINECS 232-658-1  
MDL Number MFCD00081288  
Batch Number 323TRY

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



Property	Specification	Batch 323TRY
Physical Description	Off-white to cream, yellowish or light-brown powder	Cream coloured powder
pH (10% in water)	6.0 - 8.0	Conforms
Ash	≤ 5.0%	Conforms
Water Insoluble Matter	≤ 0.5%	Conforms
Water	≤ 12.0%	Conforms
Acid Insoluble Substances	≤ 0.5%	Conforms
Starch	Not Detected	Conforms
Gelatine and Other Proteins	Not Detected	Conforms
Heavy Metals	≤ 20ppm	Conforms
Cadmium (Cd)	≤ 1ppm	Conforms
Lead (Pb)	≤ 5ppm	Conforms
Mercury (Hg)	≤ 1ppm	Conforms
Arsenic (As)	≤ 3ppm	Conforms
Viscosity	20 - 40 cps	Conforms
Melting Point	80 - 90 °C	Conforms
Gelling Temperature	34 - 41 °C	37 - 38°C
Gel Strength	≥ 1000g/cm <sup>2</sup> (1.5% gel)	1130g/cm <sup>2</sup>

Specification Version v1.0  
Manufacture Date 2022-11-01  
Re-Test Date 2031-11-02

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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