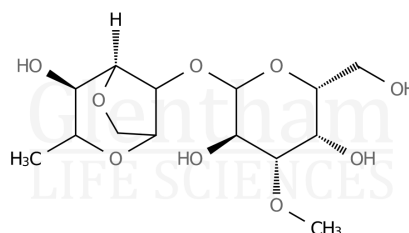


## Certificate of Analysis

Product Name Agar, low gel strength  
Glenthams 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

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

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