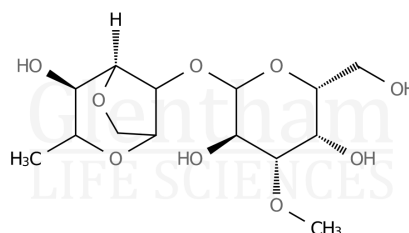


Certificate of Analysis

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 ² (1.5% gel, Nikan test)	710g/cm ²

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 or contact us using the details above for the current version of this document.

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