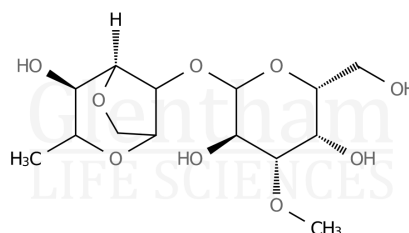


Certificate of Analysis

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 ² (1.5% gel)	1130g/cm ²

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

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