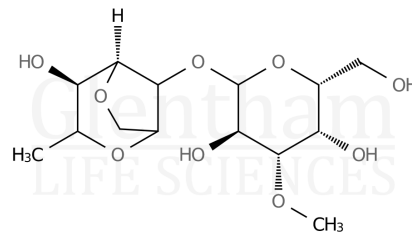


Certificate of Analysis

Product Name	Agar, high gel strength, suitable for microbiology
Glentham Code	GC4369
CAS Number	9002-18-0
EINECS	232-658-1
MDL Number	MFCD00081288
Batch Number	226XFW

Molecular Weight	-
Molecular Formula	(C ₁₂ H ₁₈ O ₉) _n
Storage Temp.	+20°C



Property	Specification	Batch 226XFW
Physical Description	Off-white to cream or light-brown powder	Cream powder
pH (10% in water)	6.2 - 7.2	6.8
Ash	≤ 4%	Conforms
Acid Insoluble Matter	≤ 0.5%	Conforms
Insoluble Matter	≤ 1.0%	Conforms
Water	≤ 12.0%	9.5%
Starch	Absent	Conforms
Gelatine and Other Proteins	Absent	Conforms
Lead (Pb)	≤ 0.5ppm	Conforms
Mercury (Hg)	≤ 0.5ppm	0.1ppm
Arsenic (As)	≤ 0.5ppm	Conforms
Cadmium (Cd)	≤ 0.5ppm	0.1ppm
Viscosity	8 - 15 cps (1.5%, 120°C, cooled to 60°C)	Conforms
Gel Strength	≥ 900g/cm ²	Conforms
Gelling Temperature	35 - 36 °C	35 °C

Specification Version	v1.0
Manufacture Date	2020-04-23
Re-Test Date	2028-03-29

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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