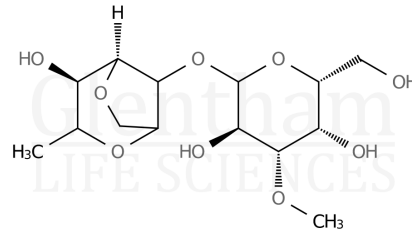


Product Specification

Product Name	Agar, high gel strength, suitable for microbiology
Glentham Code	GC4369
CAS Number	9002-18-0
EINECS	232-658-1
MDL Number	MFCD00081288
Molecular Weight	-
Molecular Formula	$(C_{12}H_{18}O_9)_n$
Storage Temp.	+20°C



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

Specification Version	-	v1.0
Date Created	-	2020-03-17

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.

This document was generated electronically and is therefore valid without signature. © Glentham Life Sciences Ltd, 2025