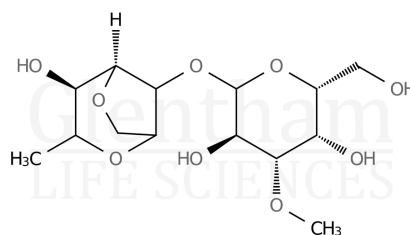


Product Specification

Product Name	Agar, high gel strength
Glentham Code	GK9085
CAS Number	9002-18-0
EINECS	232-658-1
MDL-Nummer	MFCD00081288

Molecular Weight	-
Molecular Formula	$(C_{12}H_{18}O_9)_n$
Storage Temp.	+20°C



Property	Specification
Physical Description	Off-white to cream, yellowish or light-brown powder
pH (10% in water)	6.0 - 8.0
Ash	≤ 5.0%
Water Insoluble Matter	≤ 0.5%
Water	≤ 12.0%
Acid Insoluble Substances	≤ 0.5%
Starch	Not Detected
Gelatine and Other Proteins	Not Detected
Heavy Metals	≤ 20ppm
Cadmium (Cd)	≤ 1ppm
Lead (Pb)	≤ 5ppm
Mercury (Hg)	≤ 1ppm
Arsenic (As)	≤ 3ppm
Viscosity	20 - 40 cps
Melting Point	80 - 90 °C
Gelling Temperature	34 - 41 °C
Gel Strength	≥ 1000g/cm ² (1.5% gel)

Specification Version	-	v1.0
Date Created	-	2015-12-14

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