

Product Specification

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

Molecular Weight : -
Molecular Formula : (C₁₂H₁₈O₉)_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.

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