

Product Specification

Product Name : Agar, high gel strength, suitable for microbiology
Glenthams Code : GC4369
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 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

Glenthams Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glenthams.com or contact us using the details above for the current version of this document.

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