

Product Datasheet

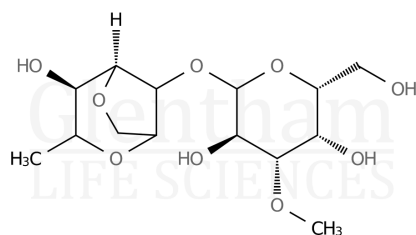
GC4369 - Agar, high gel strength, suitable for microbiology

Product Details

Product Name	Agar, high gel strength, suitable for microbiology
Glenthams Code	GC4369
CAS Number	9002-18-0
EINECS	232-658-1
MDL Number	MFCD00081288
Related Categories	Carbohydrates, Biochemicals, PCR, Reagents for Cell Culture, Polysaccharides

Structure

Molecular Weight : -
Molecular Formula : $(C_{12}H_{18}O_9)_n$



Glenthams Product Specification

Physical Description	: Off-white to cream or light-brown powder
pH (10% in water)	: 6.2 - 7.2
Ash	: $\leq 4\%$
Acid Insoluble Matter	: $\leq 0.5\%$
Insoluble Matter	: $\leq 1.0\%$
Water	: $\leq 12.0\%$
Starch	: Absent
Gelatine and Other Proteins	: Absent
Lead (Pb)	: $\leq 0.5\text{ppm}$
Mercury (Hg)	: $\leq 0.5\text{ppm}$
Arsenic (As)	: $\leq 0.5\text{ppm}$
Cadmium (Cd)	: $\leq 0.5\text{ppm}$
Viscosity	: 8 - 15 cps (1.5%, 120°C, cooled to 60°C)
Gel Strength	: $\geq 900\text{g/cm}^2$
Gelling Temperature	: 35 - 36 °C
Version	: v1.0

About Agar, high gel strength, suitable for microbiology

No further details on record.

Storage

Recommended storage temperature: +20°C.

Hazards and Transport

Not classified as hazardous under CLP.
Not classified as dangerous for transport.

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