

Product Datasheet

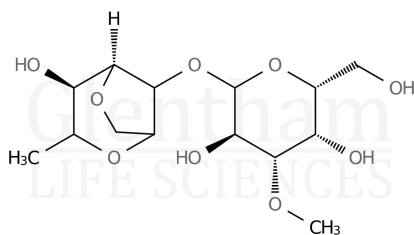
GK9085 - Agar, high gel strength

Product Details

Product Name	Agar, high gel strength
Glentham Code	GK9085
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 : $(C_{12}H_{18}O_9)_n$



Physical Description	: Off-white to cream, yellowish or light-brown powder
pH (10% in water)	: 6.0 - 8.0
Ash	: $\leq 5.0\%$
Water Insoluble Matter	: $\leq 0.5\%$
Water	: $\leq 12.0\%$
Acid Insoluble Substances	: $\leq 0.5\%$
Starch	: Not Detected
Gelatine and Other Proteins	: Not Detected
Heavy Metals	: $\leq 20\text{ppm}$
Cadmium (Cd)	: $\leq 1\text{ppm}$
Lead (Pb)	: $\leq 5\text{ppm}$
Mercury (Hg)	: $\leq 1\text{ppm}$
Arsenic (As)	: $\leq 3\text{ppm}$
Viscosity	: 20 - 40 cps
Melting Point	: 80 - 90 °C
Gelling Temperature	: 34 - 41 °C
Gel Strength	: $\geq 1000\text{g/cm}^2$ (1.5% gel)
Version	: v1.0

About Agar, high gel strength

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.

Glentham Product Specification

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