

Product Specification

Product Name: Agar *omni
Gelidium extract; Red algae polysaccharide

Item Nr.: 1330 MW: 110-160 kDa (C₁₂H₁₈O₉)_n
CAS Nr.: 9002-18-0 E.C.Nr.: EINECS: 232-658-1

Parameter	Method	Specification	Unit
Appearance	visual	white to yellowish - cream to beige powder	
Solubility	1.5% in H ₂ O	insoluble	
Clarity of solution	Nephelometry	< 8	NTU
Coloration of sol.	Gardner	2-4	
Loss on drying		< 15	%
pH	1.5% H ₂ O at 60°C before autoclaving	6.0-7.5	
Gel Strength	acc. to EP monogr. 0330: Nikkan method for 1.5 % gel	700-1200	g/cm ²
Gelling Point	1.5% gel	32-40	°C
Melting point	1.5% gel	80 - 90	°C
Magnesium (Mg)		<500	ppm
Sulfates (SO ₄)		<3	%
Calcium (Ca)		<1000	ppm
Total ash		< 6	%

Storage: Keep well closed at room temperature in a dark and dry place.

For professional use only. Not intended for pharmaceutical use. We do not warrant suitability for any particular application. Consult Safety Data Sheet.

Version/Latest update: 04/18.04.2024