

Product Specification

Product Name: Agar purified
Source:
Synonym: Gelidium extract; Red algae polysaccharide

Item Nr.: 1329 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, 80°C	soluble	
Clarity of solution	Nephelometry	<10.0	NTU
Coloration of sol.	Gardner	1	
Loss on drying		<12.0	%
pH	1.5% in H ₂ O, 20°C	5.0 - 7.0	
Melting point	Capillary method	83-90	°C
Gelling Point	acc.to EP & USP: 1.5% in H ₂ O	33.0 - 38.0	°C
Gel Strength	Nikkan, 20°C, 1.5% in H ₂ O	700 - 1200	g/cm ²
Particle size	60 mesh	>98.0	%
Total ash		<3.5	%
Microbiological test	Total Plate Count	<1000	CFU/g

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