

neoFroxx GmbH

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Specification

Product	Agar for microbiology
Brand	BioFroxx
Product number	1182 (revised)
Synonym(s)	Agar-Agar
CAS number	9002-18-0
Storage	below 25°C
Retest period	48
*** research use only ***	
Parameter	Specification
Appearance	cream coloured, free flowing powder
Solubility	Freely soluble in hot water at temperatures above 85°C. Insoluble in cold water.
Ash	max. 6.5 %
Gel point	30 - 36°C
Gel strength (1.5 %)	750 - 1000 g/cm ²
pH (1.5 % in water; 60°C)	6.0 - 8.0
Gelatin	not detectable
Starch	not detectable
Water (K.F.)	max. 20.0 %
As	max. 0.0003 %
Ca	max. 0.1 %
Heavy metals	max. 0.001 %
Melting range	> 85°C

Einhausen, 04.08.2021 (revised)