

neoFroxx GmbH

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Specification

Product	Agar for microbiology
Product number	1182
Synonyms	Agar-Agar
CAS number	9002-18-0
Storage	below 25°C
Retest period (months)	48
Parameter	Specification
Appearance	cream coloured, free flowing powder
Solubility	freely soluble in hot water at temperatures above 85°C and insoluble in cold water.
Residue on ignition (Ash)	<= 6.5 %
Gel point	30 - 36°C
Gel strength (1.5 %)	750 - 1000 g/cm ²
pH (1.5 % in water, 60°C)	6 - 8
Gelatin	not detectable
Starch	not detectable
Water	<= 20 %
Arsenic (As)	<= 0.0003 %
Calcium (Ca)	<= 0.1 %
Heavy metals	<= 0.001 %
Melting range	> 85°C

Einhausen, 24.07.2024