

**PRODUCT CODE: 401792****Agar, Technical (Ingredient) for microbiology**

Preparation: Add it to the rest of the medium and dissolve in boiling water. Agar concentrations of 15 g/l typically are used to form solid media ·Storage in a cool and dry place ·

CAS [9002-18-0]

EINECS 232-658-1

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SYNONYMS: Agar-Agar**PHYSICAL DATA:** powder, White or slightly yellowish, Soluble in water 20 g/l at 60 °C**BIBLIOGRAPHY:** Merck Index **13**, 184 14, 184 Sax **AEX250** • Römp **8**, **86** • BP.**2016** • USP -**NF 34** • Ph. Eur. **9.0** (2017) 590**8.0** (2014) • F.C.C **9 10** • Royal Decree **1375** • BOE **19325159(12-8-88)28641341(30/11/99)243(8-10-2009)** • Regulation (EU) n° 231/2012 •**HAZARDOUS:** RTECS: AW 7950000 • LD50 oral mus 16.000 mg/kg • LD50 oral rat 11.000 mg/kg •**SPECIFICATIONS:**

pH at 1.5%	6,0-7,5
Gel strength (Nikan's method) at 1.5%	750-1000 g/cm2
Maximum limit of impurities	
Loss on drying at 105°C	20%
Residue on ignition	5 %

Ed.: 9 . Vig.: 16.01.2017 .

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