

Specification

Agar Bacteriology grade

A0949

Physical Description:	Solid
Product Code:	A0949
Product Name:	Agar Bacteriology grade
Short Description:	usage: suitable for the preparation of LB agar plates; very low mineral content
Specifications:	<p>Ash: max. 4.5 %</p> <p>Gel point: 30 - 36°C</p> <p>Gel strength (1.5 %): 750 - 1100 g/cm²</p> <p>pH (1.5 %; H₂O; 60°C): 6.0 - 8.0</p> <p>Gelatin: not detectable</p> <p>Starch: not detectable</p> <p>Water (K.F.): max. 12.0 %</p> <p>Ca: max. 0.2 %</p> <p>Mg: max. 0.1 %</p>
WGK:	nwg
Storage:	RT
CAS:	9002-18-0
EINECS:	232-658-1
CS:	13023100
Comment	<p>For the preparation of 1 Liter medium for LB agar plates weigh 10 g tryptone, 5 g yeast extract, 5 g NaCl and 15 g agar. Add 1 ml 1 N NaOH to the dissolved powder. The medium will be autoclaved for 25 minutes. At a temperature of ~50°C, it is still liquid and additives (e. g. antibiotics) can be added. If 32 to 40 ml LB agar per plate are used, one liter will result in approx. 25 to 30 plates. Freshly poured plates cool down with a slightly opened lid and turn them upside down when stored at +4°C.</p>
Bibliography	<p>(1) Ausubel, F.A., Brent, R., Kingston, R.E., Moore, D.D., Seidman, J.G., Smith, J.A. & Struhl, K. (eds.) (1995) <i>Current Protocols in Molecular Biology</i>. Greene Publishing & Wiley-Interscience. New York.</p>

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