

Specification

Agar Plant tissue culture grade

A2111

Synonym	Agar-Agar
state of matter	Solid
CAS-No.:	9002-18-0
HS-No.:	13023100
EC-No.:	232-658-1
Storage:	RT
LGK:	10 - 13
WGK:	nwg
Specification	
Gel strength (1.5 %)	800 - 1100 g/cm ²
Gel point (1.5 %)	35 ± 5°C
Contamination with spores	negative
pH after autoclaving	6.5 - 7.5
pH before autoclaving	6.5 - 7.5
Melting point	85° ± 5°C
Insoluble particles	negative
Comment	
<p>This agar is processed and manufactured from selected seaweeds (Rodophyceae). This agar has a very high gel strength ($\geq 1000 \text{ g/cm}^2$) and can be used at low concentrations in tissue culture (0.5 - 0.6 %). It is recommended for the techniques of micropropagation of ornamental, horticultural and woody species, <i>in vitro</i> selection, genetic manipulation and other methods of amelioration of plants.</p>	