



PRODUCT CODE: 141792

Agar (USP-NF) pure, pharma grade

CAS [9002-18-0]

EINECS 232-658-1

TARIC 1302 31 00 00

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.**2018** • USP -**NF 36** • Ph. Eur. **9.0**
(2017) 590 **8.0** (2014) • F.C.C **10 11** • Royal Decree **I375** • 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:

Identity :

Identity according to Pharmacopoeias: passes test

Maximum limit of impurities

Insoluble matter in H2O	1,0 %
Loss on drying at 105°C	20,0%
Residue on ignition (as SO4) (a.d.s.)	6,5 %
Residue on ignition (Acid insoluble) (a.d.s.)	0,5 %
Water absorption	passes test
Residual solvents (Ph.Eur/USP)	passes test
Foreign organic matter	1,0%
Foreign starch	passes test
Gelatine	passes test

Contamination Microbial limits:

Total aerobic microbial count (TAMC)	1000 cfu/g
Total combined yeast and moulds (TYMC)	100 cfu /g
Salmonella	absence/10g
Escherichia coli	absence/g
Heavy metals (as Pb)	0,004%
As	0,0003 %
Pb	0,001 %

Residual metals (according to EMEA/CHMP/SWP/4446/2000): No metal catalysts are used in the manufacturing process.

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