

Certificate of Analysis [C.O.A]

PRODUCT NAME Agar Agar Powder
CAS Number 9002-18-0
Botanical Name Agar Agar Powder

PRODUCT APPEARANCE	Brownish yellow coloured free flowing powder
SOLUBILITY	Completely soluble in boiling water
Clarity of 1% w/v aqueous solution after autoclaving at 15 PSI /15 min	Clear gel
pH of 1% w/v aqueous solution at 25°C after autoclaving at 15 PSI / 15 min	7
Ash content	17.53%
Loss on drying (moisture)	4.92%
Total microbial count	Nil
Yeast and Mould count	Nil
Spore count	Nil
Gel firm Test	Smooth streak line with no cut in agar and isolated colonies of the organism obtained

ORGANISM	TYPE CULTURE	OBSERVED GROWTH
Staphylococcus aureus	ATCC (25923)	Luxuriant
Escherichia coli	ATCC (25922)	Luxuriant
Pseudomonas aeruginosa	ATCC (27853)	Luxuriant
Streptococcus faecalis	ATCC (11420)	Luxuriant

Batch No. & MFG Date : As mentioned in labels

Date of Expiry : 3 Years from Mfg

Date of Analysis: Jan 2024