

CERTIFICATE OF ANALYSIS

QA/F/61/ Rev No. 00

PRODUCT : Agar agar,type 1
 PRODUCT CODE NO : BI001

QUALITY CONTROL:

PARAMETERS	SPECIFICATIONS/STANDARD VALUES
Appearance	Pale Cream to light yellow coloured homogeneous free
Clarity (1.5% solution)	A firm solid ,Clear to slight opalescent gel at 38-41 °C
pH (1% solution)	6.0 - 7.00
Moisture	NMT 12 %
Gelling Temperature:	38-41 °C
Microbial Load:(CFU/g)	-
Bacterial count	NMT 1000
Yeast and mold count	NMT 100
Test for specific organisms	-
E.coli	Absent
Salmonella species	Absent
Pseudomonas aeruginosa	Absent
Staphylococcus aureus	Absent
Cultural response:	Cultural response observed after an incubation at 35-37 °C for 18-24 hours by preparing Nutrient Agar
ORGANISM	GROWTH
Escherichia coli ATCC 25922	Luxuriant
Staphylococcus aureus ATCC 25923	Luxuriant
Salmonella Typhi ATCC 6539	Luxuriant
Streptococcus pyogenes ATCC 19615	Luxuriant
Pseudomonas aeruginosa ATCC 27853	Luxuriant
Melting range:	>=85

