

# Technical Data Sheet

## Product information

Product code	11.0019
Product name	Mannitol salt agar
Short name	MSA
Packing description (size, type, filling, amount)	90mm, Petri Dish, 18ml, 10pc(s)
Intended use	A selective and differential medium for the isolation of presumptive pathogenic staphylococci. Most other bacteria are inhibited, with the exception of a few halophilic species.
Intended user	The in-vitro diagnostic device is intended for laboratory professional use only.

## Storage Conditions

Storage temperature	2-12°C
Storage conditions	Keep the products in a low humidity environment, protected from moisture and light.
Shelf Life	See expiry date on the label (valid for closed packaging).
Shelf life after production	12 Weeks

## Typical Composition \*)

Ingredient	Amount of	Per liter
Lab-Lemco powder	1	g
Peptone	10	g
Mannitol	10	g
Sodium chloride	75	g
Phenol red	0,025	g
Agar	15	g

\*) Adjusted as required to meet performance standards.

## Analytical Performance characteristics

pH	7,5+/- 0,2
Colour	pink/red
Clear	Yes

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Particles

No

## Microbiological Performance

Conditions:

Name	Incubation time	Incubation temp (°C)	Environment	Transfer	Incubation time	Incubation temp (°C)	Environment
inc-A	18 to 24 hours	35 +/-1	Aerobic				
inc-B	69 to 72 hours	35 +/-1	Aerobic				

Name	Microorganism	Identification number	Method	Specification	Electivity
inc-A	Staphylococcus epidermidis	ATCC 12228 WDCM 00036 NCTC 13360	Productivity of solid media	Good growth	pink colonies
inc-A	Staphylococcus aureus	ATCC 25923 WDCM 00034 NCTC 12981	Productivity of solid media	Good growth	yellow colonies
inc-B	Escherichia coli	ATCC 25922 WDCM 00013 NCTC 12241	Selectivity of solid media	Complete inhibition	

## Microbiological Contamination

	Incubation time	Incubation temp (°C)	Transfer	Incubation time	Incubation temp (°C)	Specification
Inc-a	18 to 24 hours	35 +/- 1				No growth
Inc-b	40 to 72 hours	35 +/- 1				No growth

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