

**CERTIFICATE OF ANALYSIS**

**PRODUCT** CM0131T  
**TRYPTONE SOYA AGAR 5kg**

**LOT NUMBER** 1784783

**EXPIRY DATE** 2020.12.31

**DATE OF MANUFACTURE** 2015.12.07

## Delivery/Customer information

Date Printed  
 2015.12.17

Delivery No.

Customer  
 Customer Order number

Physical Characteristics	Results	Specification
Appearance	Straw powder	Straw powder
Colour on reconstitution	Straw 2	Straw 1-2
pH (25°C)	7.3	7.1 - 7.5
Clarity	Clear	Clear
Blood compatibility with horse blood	Satisfactory	Satisfactory
Blood compatibility with sheep blood	Satisfactory	Satisfactory

Microbiological Performance	Control cfu	Test cfu	Recovery %	Test Description
<b>Aerobic incubation at 30-35°C for 24 hours</b>				
<i>Streptococcus pyogenes</i> ATCC®19615	14	18	129	Pale straw cols
<i>Staphylococcus aureus</i> ATCC®6538	20	17	85	Straw cols
<i>Staphylococcus aureus</i> ATCC®9144	20	26	130	Straw cols
<i>Staphylococcus epidermidis</i> ATCC®12228	10	10	100	White/grey cols
<i>Escherichia coli</i> ATCC®25922	32	38	119	Cream cols
<i>Escherichia coli</i> ATCC®8739	33	43	130	Cream cols
<i>Bacillus subtilis</i> ATCC®6633	37	41	111	Irregular, straw cols
<i>Pseudomonas aeruginosa</i> ATCC®9027	15	16	107	Straw cols
<i>Salmonella typhimurium</i> ATCC®14028	23	17	74	Straw cols
<b>Aerobic incubation at 30-35°C for up to 5 days</b>				
<i>Candida albicans</i> ATCC®10231	13	10	77	Cream cols
<i>Aspergillus brasiliensis</i> ATCC®16404	16	16	100	White mycelia, black spores
<b>Enriched with 7% v/v horse blood</b>				
<b>Aerobic incubation at 37°C for 24 hours</b>				
<i>Streptococcus pyogenes</i> ATCC®19615	98	88	90	Pale straw cols, beta haemolysis
<i>Streptococcus pneumoniae</i> ATCC®6305	53	47	89	Grey/green cols, alpha haemolysis
<b>Enriched with 7% v/v horse blood</b>				
<b>Microaerophilic incubation at 37°C for 48 hours</b>				
<i>Haemophilus influenzae</i> ATCC®19418	11	14	127	Colourless cols



Tested by the Product Performance Laboratory  
**OXOID LIMITED**  
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**Growth of *Haemophilus* spp. in the presence of X & V factor discs**  
**Aerobic incubation at 37°C for 18 hours**

	<b>X Factor (mm)</b>	<b>V Factor (mm)</b>	<b>X+V Factor (mm)</b>
<i>Haemophilus influenzae</i> ATCC®9334	0	0	21
<i>Haemophilus influenzae</i> ATCC®19418	0	0	20
<i>Haemophilus influenzae</i> ATCC®49247	0	0	20
<i>Haemophilus parainfluenzae</i> ATCC®33392	0	44	44

**Enriched with 7% v/v horse blood**  
**Bacitracin activity**  
**Aerobic incubation at 37°C for 18 hours**

	<b>Zone Size (mm)</b>	<b>Limits (mm)</b>
<i>Streptococcus pyogenes</i> ATCC®19615	14	10 - 20

Control Medium: Tryptone Soya Agar

A satisfactory result is represented by recovery of positive strains equal to or greater than 70% of the control medium from an inoculum of 10-100 colony-forming units (cfu).

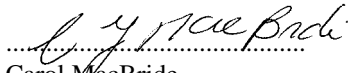
Tested in accordance with BP/EP/JP/USP.

Refer to product specification for full details.

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The results reported were obtained at the time of release.

Lot Accepted. 2015.12.14



Carol MacBride  
 Product Performance Manager

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