

CERTIFICATE OF ANALYSIS

PRODUCT CM0131B
TRYPTONE SOYA AGAR 500g

LOT NUMBER 6283153

EXPIRY DATE 2030.06.30

DATE OF MANUFACTURE 2025.06.16

Delivery/Customer information

Date Printed

2025.07.01

Delivery No.

Customer

Customer Order Number

Physical Characteristics	Results	Specification
Appearance	Straw powder	Straw powder
Colour on reconstitution	Straw 1-2	Straw 1-2
pH (25°C)	7.4	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
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Aerobic incubation at 30-35°C for 18-24 hours

<i>Streptococcus pyogenes</i> ATCC®19615	59	59	100	Pale straw cols
<i>Streptococcus viridans</i> NCTC1080	23	25	109	Pale straw cols
<i>Staphylococcus aureus</i> ATCC®9144	70	54	77	Straw cols
<i>Staphylococcus epidermidis</i> ATCC®12228	32	34	106	White/grey cols

Enriched with 7% v/v horse blood

Aerobic incubation at 37°C for 24 hours

<i>Streptococcus pyogenes</i> ATCC®19615	28	30	107	Pale straw cols, beta haemolysis
<i>Streptococcus viridans</i> NCTC1080	29	23	79	Grey/green cols, alpha haemolysis
<i>Streptococcus pneumoniae</i> ATCC®6305	21	16	76	Grey/green cols, alpha haemolysis

Enriched with 7% v/v horse blood

Microaerophilic incubation at 37°C for 48 hours

<i>Haemophilus influenzae</i> ATCC®19418	52	47	90	Colourless cols
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Growth of *Haemophilus* spp. in the presence of X & V factor discs

Aerobic incubation at 37°C for 18 hours

	X Factor (mm)	V Factor (mm)	X+V Factor (mm)
<i>Haemophilus influenzae</i> ATCC®9334	0	0	16
<i>Haemophilus influenzae</i> ATCC®19418	0	0	15
<i>Haemophilus influenzae</i> ATCC®49247	0	0	15
<i>Haemophilus parainfluenzae</i> ATCC®33392	0	49	43

Enriched with 7% v/v horse blood

Bacitracin activity

Aerobic incubation at 37°C for 18 hours

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	Zone Size (mm)	Limits (mm)
<i>Streptococcus pyogenes</i> ATCC®19615	18	10 - 20

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

Aerobic incubation at 30-35°C for 24 hours

<i>Staphylococcus aureus</i> ATCC®6538	63	53	84	Straw cols
<i>Escherichia coli</i> ATCC®8739	65	56	85	Cream cols
<i>Bacillus subtilis</i> ATCC®6633	83	59	71	Irregular, straw cols
<i>Pseudomonas aeruginosa</i> ATCC®9027	92	77	84	Straw cols
<i>Salmonella typhimurium</i> ATCC®14028	41	53	128	Straw cols
<i>Salmonella abony</i> NCTC6017	71	88	124	Straw cols

Aerobic incubation at 30-35°C for up to 5 days

<i>Candida albicans</i> ATCC®10231	45	35	78	Cream cols
<i>Aspergillus brasiliensis</i> ATCC®16404	87	94	108	White mycelia, no spores

Testing has been performed in accordance with ISO11133:2014

Aerobic incubation at 30 ± 2°C for 24 ± 2 hours

<i>B. cereus</i> ATCC®11778 WDCM00001	66	69	105	Irregular, straw cols
<i>B. subtilis</i> ATCC®6633 WDCM00003	83	59	71	Irregular, straw cols
<i>E. coli</i> ATCC®8739 WDCM00012	65	56	85	Cream cols

Aerobic incubation at 36 ± 2°C for 20 ± 2 hours

<i>E. coli</i> ATCC®25922 WDCM00013	99	80	81	Cream cols
<i>E. coli</i> ATCC®11175 WDCM00090	68	69	102	Cream cols
<i>E. coli</i> NCTC13167 WDCM00179	54	46	85	Cream cols
<i>P. aeruginosa</i> ATCC®10145 WDCM00024	115	108	94	Straw cols
<i>E. faecalis</i> ATCC®29212 WDCM00087	65	63	96	Straw cols

Aerobic incubation at 37 ± 2°C for 24 ± 2 hours

<i>S. aureus</i> ATCC®25923 WDCM00034	60	65	108	Straw cols
<i>L. monocytogenes</i> ATCC®13932 WDCM00021	62	57	91	Straw cols

Aerobic incubation at 44 ± 2°C for 21 ± 3 hours

<i>E. coli</i> ATCC®8739 WDCM00012	64	78	122	Cream cols
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Anaerobic incubation at 44 ± 2°C for 21 ± 3 hours

<i>C. perfringens</i> ATCC®13124 WDCM00007	85	98	115	Straw cols
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Tested in accordance with current CLSI M22 A

Enriched with 5% v/v sheep blood

Aerobic incubation at 35°C for 18-24 hours

<i>Streptococcus pyogenes</i> ATCC®19615	1E+04-1E+06	Pale straw cols, beta haemolysis
<i>Streptococcus pneumoniae</i> ATCC®6305	1E+04-1E+06	Grey/green cols, alpha haemolysis
<i>Staphylococcus aureus</i> ATCC®25923	1E+04-1E+06	White/grey cols
<i>Escherichia coli</i> ATCC®25922	1E+04-1E+06	Straw cols

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.
Refer to product specification for full details.

The accuracy of the information provided in this certificate of analysis / conformity is considered reliable. However, it is important to note that (i) the information is only applicable, and (ii) the product is only approved, for the product's intended use as specified on the label, specification, and website. No warranty is hereby implied. This certificate may only be reproduced in its entirety and cannot be replicated partially or in any altered form.

Lot Accepted. 2025.07.01

This certificate is produced electronically and valid without a signature.

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