

CERTIFICATE OF ANALYSIS

PRODUCT CM0131B
TRYPTONE SOYA AGAR 500g

LOT NUMBER 6300754

EXPIRY DATE 2030.08.31

DATE OF MANUFACTURE 2025.08.05

Delivery/Customer information

Date Printed

2025.08.18

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
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Aerobic incubation at 30-35°C for 18-24 hours

<i>Streptococcus pyogenes</i> ATCC®19615	45	40	89	Pale straw cols
<i>Streptococcus viridans</i> NCTC1080	23	23	100	Pale straw cols
<i>Staphylococcus aureus</i> ATCC®9144	79	82	104	Straw cols
<i>Staphylococcus epidermidis</i> ATCC®12228	25	23	92	White/grey cols

Enriched with 7% v/v horse blood

Aerobic incubation at 37°C for 24 hours

<i>Streptococcus pyogenes</i> ATCC®19615	37	41	111	Pale straw cols, beta haemolysis
<i>Streptococcus viridans</i> NCTC1080	44	38	86	Grey/green cols, alpha haemolysis
<i>Streptococcus pneumoniae</i> ATCC®6305	39	36	92	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	58	45	78	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	20
<i>Haemophilus influenzae</i> ATCC®19418	0	0	22
<i>Haemophilus influenzae</i> ATCC®49247	0	0	17
<i>Haemophilus parainfluenzae</i> ATCC®33392	0	39	35

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	19	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	71	68	96	Straw cols
<i>Escherichia coli</i> ATCC®8739	52	45	86	Cream cols
<i>Bacillus subtilis</i> ATCC®6633	69	62	89	Irregular, straw cols
<i>Pseudomonas aeruginosa</i> ATCC®9027	62	72	116	Straw cols
<i>Salmonella typhimurium</i> ATCC®14028	52	51	98	Straw cols
<i>Salmonella abony</i> NCTC6017	84	97	115	Straw cols

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

<i>Candida albicans</i> ATCC®10231	41	38	93	Cream cols
<i>Aspergillus brasiliensis</i> ATCC®16404	69	59	86	White mycelia, black 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	108	121	113	Irregular, straw cols
<i>B. subtilis</i> ATCC®6633 WDCM00003	69	62	89	Irregular, straw cols
<i>E. coli</i> ATCC®8739 WDCM00012	103	89	86	Cream cols

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

<i>E. coli</i> ATCC®25922 WDCM00013	58	44	76	Cream cols
<i>E. coli</i> ATCC®11175 WDCM00090	67	63	95	Cream cols
<i>E. coli</i> NCTC13167 WDCM00179	58	59	101	Cream cols
<i>P. aeruginosa</i> ATCC®10145 WDCM00024	76	67	88	Straw cols
<i>E. faecalis</i> ATCC®29212 WDCM00087	83	107	129	Straw cols

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

<i>S. aureus</i> ATCC®25923 WDCM00034	111	102	92	Straw cols
<i>L. monocytogenes</i> ATCC®13932 WDCM00021	71	72	102	Straw cols

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

<i>E. coli</i> ATCC®8739 WDCM00012	106	83	78	Cream cols
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Anaerobic incubation at 44 ± 2°C for 21 ± 3 hours

<i>C. perfringens</i> ATCC®13124 WDCM00007	110	115	105	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. 2025.08.18

This certificate is produced electronically and valid without a signature.

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