

Tryptic Soy Agar (TSA / CASO Agar)

Catalogue No. AS-1370 · Batch TSA240021 · Pack 500 g · EXP Sep. 2028

Product & Batch Identification

Product Name	Tryptic Soy Agar (TSA / CASO Agar)
Synonyms	CASO Agar; Casein Soya Bean Digest Agar; Soybean-Casein Digest Agar (SCDA)
Catalogue Number	AS-1370
Batch Number	TSA240021
Pack Size	500 g
Dissolution	40.0 g/L → 500 g makes 12.5 L of prepared medium
Expiry Date	September 2028
pH (prepared, 25°C)	7.3 ± 0.2
Sterilisation	Autoclave 121°C / 15 min — DO NOT OVERHEAT
Manufacturer	AuSaMicS Pty Ltd
Address	31 Longview CT, Thomastown, VIC 3074, Australia
ABN	ABN: 56 676 640 467

Formula (From Label)

Ingredient	g/L	Function
Pancreatic Digest of Casein (Tryptone)	15.0	Primary nitrogen source
Papaic Digest of Soybean Meal (Soytone)	5.0	Vitamins, carbohydrates, growth factors
Sodium Chloride	5.0	Osmotic balance
Agar	15.0	Solidifying agent
Total	40.0 g/L	pH 7.3 ± 0.2 at 25°C

Analytical Test Results

Test Parameter	Specification	Method	Result	Status
Appearance (powder)	Light beige to cream; free-flowing; homogeneous	Visual inspection	Conforms	✓ Pass
Appearance (prepared)	Clear to slightly opalescent amber; firm gel	Visual	Conforms	✓ Pass
pH (prepared, 25°C)	7.3 ± 0.2	pH meter (calibrated)	[RESULT]	✓ Pass
Dissolution	Complete at 40 g/L with heating	Visual	Conforms	✓ Pass
Moisture Content	≤5.0% (w/w)	Loss on drying	[RESULT]	✓ Pass

Test Parameter	Specification	Method	Result	Status
Growth — S. aureus (ATCC 25923)	Good growth; ≤18h at 35°C; ≤100 CFU	ISO 11133:2014	[RESULT]	✓ Pass
Growth — E. coli (ATCC 25922)	Good growth; ≤18h at 35°C; ≤100 CFU	ISO 11133:2014	[RESULT]	✓ Pass
Growth — P. aeruginosa (ATCC 27853)	Good growth; ≤18h at 35°C; ≤100 CFU	ISO 11133:2014	[RESULT]	✓ Pass
Growth — C. albicans (ATCC 10231)	Good growth; 48–72h at 25°C; ≤100 CFU	ISO 11133:2014	[RESULT]	✓ Pass

✓ BATCH RELEASED — CONFORMS TO ALL SPECIFICATIONS

Batch TSA240021 has been tested and meets all AuSaMicS quality specifications for release.

Authorisation & Release

Released By:

Hassan Salimi

Founder & Technical Director

AuSaMicS Pty Ltd

Date of Release: _____

Signature:

QC Reviewed By:

Date of QC Testing: _____

Disclaimer

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