

<b>Product Name</b>	Yeast Glucose Chloramphenicol Agar (YGC Agar)	<b>Cat. No.</b>	AS-1381
<b>Batch Number</b>	Stated on label	<b>Mfg Date</b>	Stated on label
<b>Expiry Date</b>	Stated on label (3-5 years from manufacture)	<b>Pack Size</b>	500 g
<b>HS Code</b>	3821.00.00	<b>Standard</b>	ISO 21527 compatible
<b>Supplier</b>	AuSaMicS Pty Ltd   31 Longview CT, Thomastown VIC 3074   ABN: 56 676 640 467		

## 1. Analytical Results

#	Test Parameter	Specification	Method	Result
1	Appearance (powder)	Beige to light cream, free-flowing powder	Visual	Conforms
2	Appearance (prepared medium)	Pale amber, clear agar	Visual	Conforms
3	pH (prepared, 25°C)	6.6 +/- 0.2	Potentiometric	Conforms
4	Moisture Content (LOD)	<= 5.0%	Gravimetric 105°C	Conforms
5	Dissolution	Complete at 40 g/L with heating	Visual inspection	Conforms
6	Candida albicans ATCC 10231 (POSITIVE)	Good to excellent growth within 5 days at 25°C	Colony count / visual	Conforms
7	Aspergillus brasiliensis ATCC 16404 (POSITIVE)	Good to excellent growth within 5 days at 25°C	Colony count / visual	Conforms
8	Saccharomyces cerevisiae ATCC 9763 (POSITIVE)	Good growth within 3-5 days at 25°C	Colony count / visual	Conforms
9	Escherichia coli ATCC 25922 (NEGATIVE)	Inhibited — no significant growth	Visual	Conforms
10	Staphylococcus aureus ATCC 25923 (NEGATIVE)	Inhibited — no significant growth	Visual	Conforms
11	Bacillus subtilis ATCC 6633 (NEGATIVE)	Inhibited — no significant growth	Visual	Conforms

**CONCLUSION: ALL PARAMETERS CONFORM TO SPECIFICATION — BATCH RELEASED FOR SUPPLY**

## 2. Composition Confirmation

Ingredient	g/L	CAS	Status
Glucose (D-Glucose)	20.0	50-99-7	Conforms to specification
Yeast Extract	5.0	8013-01-2	Conforms to specification

Ingredient	g/L	CAS	Status
Chloramphenicol	0.1	56-75-7	Conforms to specification
<b>Agar</b>	14.9	9002-18-0	Conforms to specification
Final pH (prepared, 25°C)	6.6 +/- 0.2	—	Conforms
<b>Total dissolution</b>	40.0 g/L	—	Conforms

### 3. Storage & Shelf Life

- Store in a cool, dry location, tightly sealed, away from moisture and direct light.
- Protect from UV light — chloramphenicol degrades on prolonged UV exposure.
- Shelf life: As stated on label from date of manufacture under recommended conditions.
- Prepared plates: Store at 2-8°C, sealed, protected from light. Use within 2 weeks.

### 4. Authorisation & Release

**Authorised by:**

**Hassan Salimi**  
Founder & Technical Director  
AuSaMicS Pty Ltd

**Document Reference:**

COA-AS-1381  
Issue Date: June 2026  
Version: 1.0

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

**⚠ CONTAINS CHLORAMPHENICOL (H351 — Suspected carcinogen). Handle with appropriate PPE.**  
Refer to Safety Data Sheet (SDS-AS-1381-YGC) before use. For laboratory use only.

*DISCLAIMER: This Certificate of Analysis relates solely to the batch identified on this document and the product label. AuSaMicS Pty Ltd warrants that this product conforms to the specifications stated herein at the time of manufacture and dispatch. AuSaMicS Pty Ltd accepts no liability for misuse outside the intended laboratory application. Specifications subject to change without notice.*