



Certificate of Analysis

COA-AS-1337-L001

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Product Details

Product Name	R2A Agar (Reasoner's 2A)
Catalog No.	AS-1337
Lot No.	R2A260301
Mfg. Date	March 2026
Retest Date	March 2028
Grade	Microbiological / Analytical Grade
Standard	ISO 6222:1999 · Ph. Eur. 11th Ed.

Document Information

COA No.	COA-AS-1337-L001
Issue Date	March 2026
Issued By	AuSaMicS Quality Control
Test Ref.	ISO 6222 / Ph. Eur. 2.6.12

Test Results & Analytical Data

Test Parameter	Specification	Method	Result	Status
Appearance (powder)	Homogeneous; cream to beige; no lumps	Visual inspection	Conforms	PASS
Appearance (prepared medium)	Clear to slightly opalescent; light amber gel	Visual — plate check	Conforms	PASS
pH (prepared, 25 °C)	7.0 – 7.4	Potentiometry (ISO 10523)	7.2	PASS
Gel strength (prepared)	Firm, clear gel; no syneresis or collapse	Visual — plate check	Firm, clear	PASS
Loss on Drying	≤ 7.0% w/w	105 °C / 2 h (gravim.)	3.8%	PASS
Solubility (18.12 g/L)	Complete dissolution on boiling	Suspension + heating	Complete	PASS
Growth — <i>P. aeruginosa</i> ATCC 9027	Recovery ≥ 70% vs. reference	ISO 6222 growth test	94% recovery	PASS
Growth — <i>S. aureus</i> ATCC 6538	Recovery ≥ 70% vs. reference	ISO 6222 growth test	89% recovery	PASS



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Test Parameter	Specification	Method	Result	Status
Growth — <i>M. luteus</i> ATCC 9341	Visible colonies ≤ 48 h at 28 °C	Ph. Eur. 2.6.12	Good growth	PASS
Sterility (prepared medium)	No growth at 14 days (30–35 °C)	Incubation check	No growth	PASS
ISO 6222:1999 Compliance	Full conformance with formula and performance criteria	Compositional review	Conforms	CONFORM

Conclusion: Lot R2A260301 fully meets the requirements of ISO 6222:1999 and Ph. Eur. 11th Edition Medium S. This lot is **RELEASED for use.**

Quality Control Analyst

AuSaMicS Quality Control Department

Date: March 2026 | Signature:

Quality Manager

AuSaMicS Pty Ltd

Date: March 2026 | Signature:

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