



# Certificate of Analysis

**Catalog No.:** 214322  
**Sartorius Catalog No.:** 14322--47---ACN  
**Product Description:** Microsart® @Media R2A  
**Lot Number:** 5021727  
**Expiry Date:** 08. October 2025  
**Date of Manufacture:** 29. January 2025  
**Date of Release:** 07. February 2025  
**Storage Temperature:** 2 - 8° C

**For Laboratory Use Only**

## Physical Characteristics

Plate type	65 mm
Media colour / appearance	Pale to light tan, clear to trace hazy, and firm
pH	7.2 ± 0.2
Gamma irradiation dose (Actual)	max.: 19.5 kGy
	min.: 10.8 kGy
Sterility	Sterility Assurance Level: 10 <sup>-5</sup>

## Microbiology

Recovery (< 100 CFU / Plate)

Organism	Strain No.	Incubation (aerobic)	Test Count (CFU / Plate)	Standard Count (CFU / Plate)	Recovery (%)	Expected Recovery (%)
Pseudomonas aeruginosa (Filtration*)	ATCC 9027	≤ 2d, 30-35°C	62	60	103	>70
Pseudomonas aeruginosa	ATCC 9027	≤ 3d, 30-35°C	50	60	83	>70
Bacillus subtilis	ATCC 6633	≤ 3d, 30-35°C	59	62	95	>70
Candida albicans	ATCC 10231	≤ 2d, 35-37°C	28	26	108	>70
Escherichia coli	ATCC 8739	≤ 2d, 35-37°C	36	30	120	>70
Kocuria rhizophila	ATCC 9341	≤ 2d, 35-37°C	44	54	81	>70
Staphylococcus aureus	ATCC 6538	≤ 2d, 35-37°C	19	19	100	>70
Staphylococcus epidermidis	ATCC 12228	≤ 2d, 35-37°C	17	22	77	>70

\* Membrane filtration testing is performed with one membrane test per batch of media. Inoculum is 10<sup>1</sup>-10<sup>2</sup> CFU in 100.0 ml Ringer solution filtered onto a membrane filter. R2A Agar test includes Pseudomonas aeruginosa ATCC 9027, incubated at 30-35°C for ≤ 2 days.

We confirm that the above mentioned product lot meets the specification.



# Certificate of Analysis

## CERTIFICATE OF ORIGIN

**Catalog No.:** 214322  
**Sartorius Catalog No.:** 14322--47---ACN  
**Product Name:** Microsart® @Media R2A  
**Lot Number:** 5021727

The animal or human origin information supplied herein is based upon certified information obtained from the suppliers of these ingredients.

In order to provide information to customers concerning animal tissues used, and yet not divulge proprietary ingredient information, BD provides tissue categories rather than tissue names on our Certificates of Analysis that contain an Animal Source table. BD applies these tissue categories to all animal and human origin materials used, and to all animal tissues used, and not just to bovine, ovine, or other TSE-relevant species. The references shown in the animal origin table are as follows:

**BIC:** Tissues listed as High Infectivity (BIC I), Medium Infectivity (BIC II), Low Infectivity (BIC III), and No Detectable Infectivity (BIC IV) originated from Executive Summary of the November 21, 1997 meeting of the European Community's Scientific Steering Committee Working Group on SRM (Specified Risk Materials). Categories were designed to reflect BSE infectivity.

**SIC:** Tissues listed as High Infectivity (SIC I), Medium Infectivity (SIC II), Low Infectivity (SIC III), and No Detectable Infectivity (SIC IV) originated from *Biologicals*, 1992, Volume 20, Pages 155-158, article entitled, "EEC Regulatory Document, Note for Guidance." Categories were designed to reflect relative scrapie infectivity titers.

**ABC:** Tissues listed as High Infectivity (ABC - IA), Lower Infectivity (ABC - IB) and No Detectable Infectivity (ABC - IC) originated from EMA/410/01 Rev 3, the European Commission's "Note for guidance on minimizing the risk of transmitting animal spongiform encephalopathy agents via human and veterinary medicinal products", effective July 1, 2011. Categories were designed to reflect TSE infectivity in TSE-relevant species.

For complete details refer to "Position Statement – Animal Origin Information on BD Diagnostic Systems Certificate of Analysis", located on the Internet website address at <http://www.bd.com/regdocs>.

Animal Source	Country of Origin	Tissue Category		
		BIC	SIC	ABC
<b>Bovine</b>	<b>New Zealand</b>	<b>IV</b>	<b>IV</b>	<b>MLK</b>
<b>Porcine</b>	<b>USA</b>	<b>II</b>	<b>II</b>	<b>IB</b>

**Manufactured** exclusively for Sartorius Lab Instruments GmbH & Co. KG

# SARTORIUS

Sartorius Stedim Biotech GmbH  
August-Spindler-Strasse 11  
37079 Göttingen (Germany)

**Manufactured** by Becton Dickinson GmbH, · Tullastrasse 8 – 12, D-69126 Heidelberg (Germany)  
Phone: +49 62 21 30 50 · Fax: +49 62 21 30 52 16  
E-mail: [Reception\\_Germany@europe.bd.com](mailto:Reception_Germany@europe.bd.com)

Dr. Diana Popovici  
Quality Control Team-Leader