

R2A-Agar (R2A)

Shorthand symbol:	R2A
Item number:	40-1297
Format:	Petri dish, 90mm
Colour:	Clear, whitish colored.
Storage conditions:	Dry, closed at 4-10°C
Shelf-life:	6 Months
pH:	7.2 ± 0.2 at 25°C



Intended use and fields of application

For testing water for injections.

Typical composition in g/l

in g per 1l Medium

Yeast extract	0.5
Casein hydrolyzate	0.5
Proteose-Peptone	0.5
Dextrose	0.5
Starch	0.5
Dipotassium	0.3
Magnesium sulfate	0.024
Sodium pyruvate	0.3
Agar	15

*Adjusted as required to meet performance standards

Microbiological quality control

The microbial performance test is carried out in conformity with the requirements of the Pharm. Eur. (Microbiological testing of non-sterile products according to Chapter 2.6.13).

Produktivität

Incubation conditions: 2 - 3 days at 30 - 35°C; Inoculation concentration: 10 - 100 CFU

Organism	Test strain	Specification	Colony morphology
Pseudomonas aeruginosa	ATCC 9027 / WDCM 00026	50 - 200%	whitish to greenish colonies
Bacillus subtilis	ATCC 6633 / WDCM 00003	50 - 200%	Whitish colonies

Mikrobielle Kontamination

Incubation conditions: 5 - 7 days at 20 - 25 °C and 5 - 7 days 30 - 35 °C

Specification

No microbial contamination