

Wort-Agar (WÜA)

Shorthand symbol:	WÜA
Item number:	40-1210
Format:	Petri dish, 90mm
Colour:	Yellowish brown
Storage conditions:	Light protected at constant temperature at 15-22 °C
Shelf-life:	3 Months
pH:	5.0 ± 0.2



Intended use and fields of application

For the cultivation, isolation and fortification of mushrooms and yeasts. The bacterial accompanying flora is slightly suppressed by the low pH of 5.0. The wort agar can be inoculated by the petri dish casting or spatula method. Further steps depend on the purpose.

Typical composition in g/l

in g per 1l Nutrient medium

Meat Peptone	0.75
Malts extract	15.0
Maltose	12.75
Dextrin	2.75
Potassium dihydrogen phosphate	0.75
Ammonium chloride	1.0
Agar	15.0

*Adjusted as required to meet performance standards

Microbiological quality control

Productivity

(Incubation conditions: upto 7 days at 28°C, Inoculum concentration: 80 - 120 CFU)

Organism	Test strain	Specification	Comments
Candida albicans	ATCC 10231 / WDCM 00054 / DSM 1386	≥ 50 %	
Aspergillus brasiliensis	ATCC 16404 / WCDM 00053 / DSM 1988	≥ 50 %	

Microbial Contamination

(Incubation conditions: 5–7 days at 20–25°C and 5–7 days at 30–35°C)

Specification

No microbial contamination