



Sabouraud-NPS

Version: 11/2022
M&S Item numbers: 1160 (50 / PK) und 1160-H (100 / PK)
Profile: Dehydrated nutrient pad sets 50 mm in petri dishes, sterile
Color: Beige
Storage: Dark and dry at room temperature
Shelf life: 2 years after sterilization

Description and application range

Sabouraud-NPS are used for detection and cultivation of yeasts and molds. The formulation is acc. to EP and USP. This complex universal medium allows the growth even of fastidious yeast and molds. The low pH and the high concentration of dextrose support their development. Accompanying bacteria are inhibited by the low pH. The medium is manufactured and quality tested in compliance with ISO 11133:2014 + Amd 2:2020 standard.

Typical composition

Enzymatic digest of casein	5.0 g/l
Enzymatic digest of animal tissue	5.0 g/l
Dextrose	40.0 g/l

Final pH: 5.6 ± 0.2 at 25 °C

Microbiological quality control

Bacterial contamination

Incubation: aerobically at room temperature for 3 days, specification: no growth

Productivity quantitative analysis

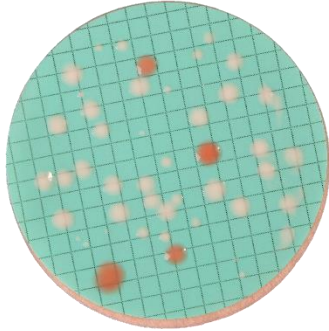
Incubation: aerobically at 25 ± 1 °C for 72 ± 3 h, approx. inoculum: 50 – 120 CFU

Microorganism	Test strain	Specification	Appearance
<i>Saccharomyces cerevisiae</i>	WDCM 00058	$P_R \geq 0.7$	Beige colonies
<i>Aspergillus brasiliensis</i>	WDCM 00053	$P_R \geq 0.7$	Dark gray to black mold
<i>Zygosaccharomyces rouxii</i>	DSM 7525	Growth	Beige colonies
<i>Schizosaccharomyces pombe</i>	DSM 70576	Growth	Beige colonies

P_R productivity rate (recovery rate)



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Mixed culture of *Saccharomyces cerevisiae*, *Zygosaccharomyces rouxii*,
Brettanomyces bruxellensis and *Rhodotorula mucilaginosa* after 3 days at
30 °C