

Sabouraud-NPS

Version: 01/2020
M&S item numbers: 1160 (50 / PK) and 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 1:2018 standard.

Typical composition

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

Final pH: 5.6 ± 0.2 at 25 °C

Microbiological quality control

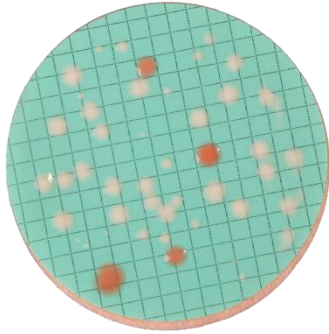
Bacterial contamination

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

Productivity quantitative analysis

Incubation: aerobically at 25 ± 1 °C for 48 ± 3 h, approx. inoculum: 80 – 120 CFU

Microorganism	Test strain	Specification	Appearance
<i>Saccharomyces cerevisiae</i>	WDCM 00058	$P_R \geq 0,7$	Beige to light beige
<i>Aspergillus brasiliensis</i>	WDCM 00053	$P_R \geq 0,7$	Dark grey/ black
<i>Schizosaccharomyces pombe</i>	DSM 70576	Growth	Beige
<i>Zygosaccharomyces rouxii</i>	DSM 7525	Growth	White to beige



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