OGY-NPS

Version:	10/2017
M&S item numbers:	1115 (50 / PK) and 1115-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

OGY-NPS are used for detection of yeasts and molds in food and other samples. The formulation is acc. to D A Mossel et. Al, Journal of applied bacteriology. Oxford, 33(3), 454-457 (1970). Yeast extract and dextrose provide nitrogen and carbon components. The addition of oxytetracycline inhibits the growth of bacteria. The medium is manufactured and quality tested in compliance with ISO 11133:2014 standard.

Typical composition

Yeast Extract	5.0 g/l
Dextrose	10.0 g/l
Oxytetracycline	0.01 g/l

Final pH: 6.5 ± 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
Saccharomyces cerevisiae	DSM 70449	$P_R \geq 0,7$	Beige
Brettanomyces bruxellensis	DSM 70001	Growth	Beige
Rhodotorula bacarum	DSM 70854	Growth	Red

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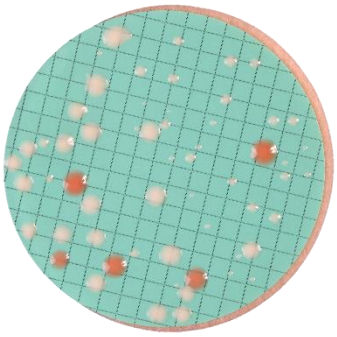

Mixed culture of *Saccharomyces cerevisiae, Zygosaccharomyces rouxii, Brettanomyces bruxellensis* and *Rhodotorula mucilaginosa* after 3 days at 30 °C

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