



Weman-NPS

Version: 11/2022
M&S Item numbers: 1240 (50 / PK) und 1240-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

Weman-NPS are used for the determination and colony counting of slim forming bacteria from water and other samples. Besides slime-forming bacteria e.g. *Leuconostoc* sp. or some *Bacillus* strains other microorganisms can grow as well. For determination of the target bacteria all clear, drop-shaped, gel-like colonies are counted. The medium is manufactured and quality tested in compliance with ISO 11133:2014 + Amd 2:2020 standard.

Typical composition

Crude sugar	40.0 g/l
Calcium carbonate	10.0 g/l
Disodium phosphate	2.0 g/l
Sodium chloride	0.5 g/l
Magnesium sulfate	0.1 g/l
Ferric sulfate	0.01 g/l

Final pH: 5.2 ± 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 30 ± 1 °C for 72 ± 4 h, approx. inoculum: 50 – 120 CFU

Microorganism	Test strain	Specification	Appearance
<i>Leuconostoc mesenteroides</i>	DSM 20193	$P_R \geq 0.5$	Clear shiny colonies

P_R productivity rate (recovery rate)