

## Weman-NPS

Version: 01/2020  
M&S item numbers: 1240 (50 / PK) and 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 slim-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 1:2018 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:  $5.2 \pm 0.2$  at 25 °C

### **Microbiological quality control**

#### **Bacterial contamination**

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

#### **Productivity** qualitative analysis

Incubation: aerobically at  $30 \pm 1$  °C for  $72 \pm 4$  h

<b>Microorganism</b>	<b>Growth</b>	<b>Colony appearance</b>
<i>Leuconostoc mesenteriodes</i>	Good	Clear, shiny