

Caso-NPS (TSA)

Version: 10/2017
M&S item numbers: 1030 (50 / PK) and 1030-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

Caso-NPS are used for total colony count in water, foodstuffs and pharmaceutical non-sterile products. The formulation is acc. to DIN EN ISO 9308-1 and complies with the requirements of harm EP/USP/JP (2006). It is a universal medium without any inhibitors and additives for the growth of fastidious microorganisms. It can be used to individually add antibiotics or other supplements. The medium is manufactured and quality tested in compliance with ISO 11133:2014 standard.

Typical composition

Enzymatic digest of casein	15.0 g/l
Enzymatic digest of soy flour	5.0 g/l
Sodium chloride	5.0 g/l

Final pH: 7.2 ± 0.2 at 25 °C

Microbiological quality control

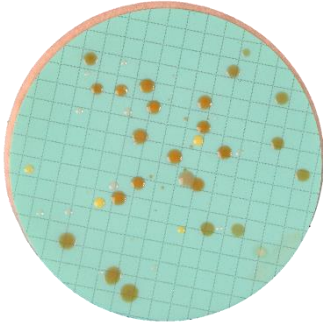
Bacterial contamination

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

Productivity quantitative analysis

Incubation: aerobically at 30 - 37 °C for 24 - 48 h, approx. inoculum: 80 – 120 CFU

Microorganism	Test strain	Specification	Appearance
<i>Escherichia coli</i>	WDCM 00012	$P_R \geq 0,7$	Beige
<i>Pseudomonas aeruginosa</i>	WDCM 00024	$P_R \geq 0,7$	Beige to light greenish
<i>Enterococcus faecalis</i>	WDCM 00087	$P_R \geq 0,7$	Beige to light yellow



Sample from surface water after 36 hours at 37 °C