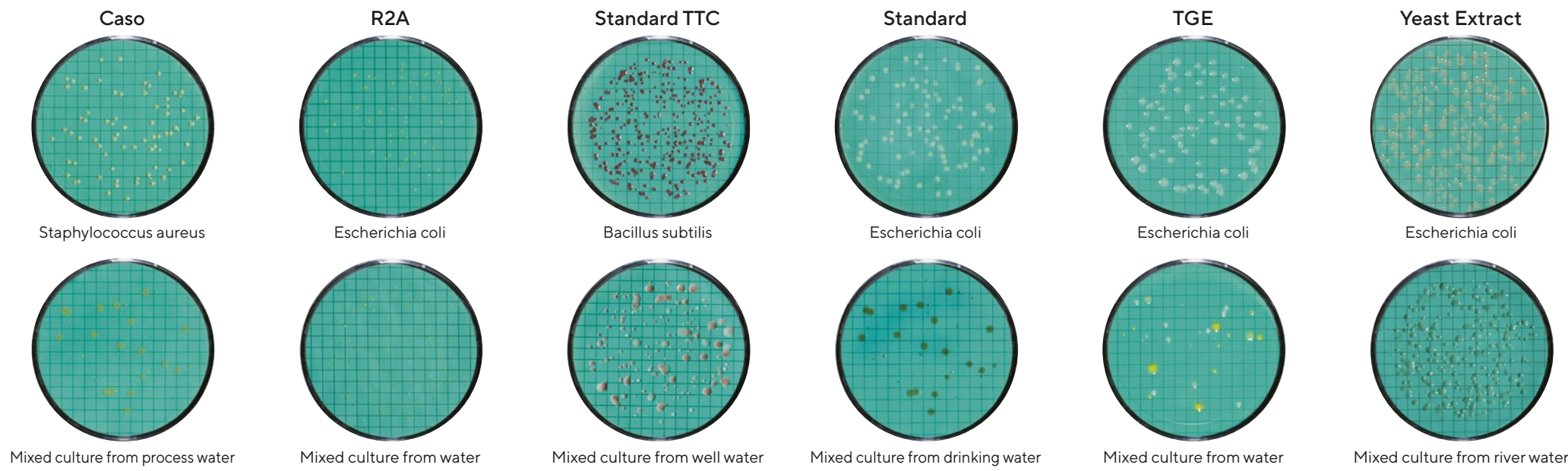
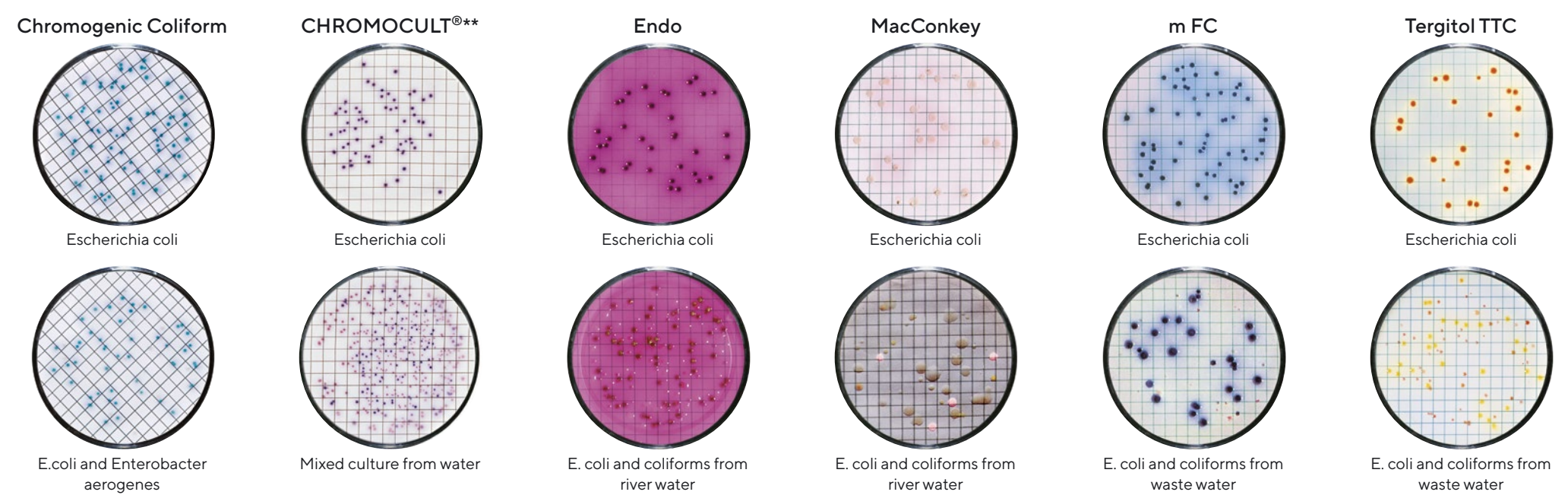


## Nutrient Pad Sets

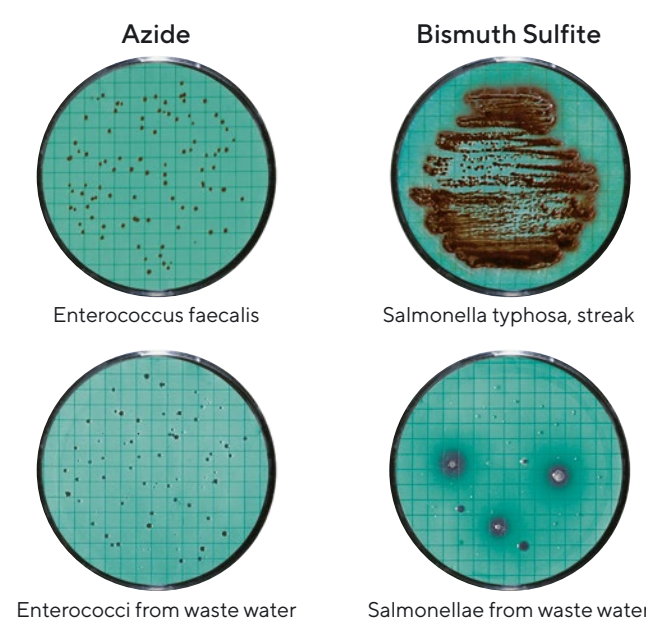
### Total colony count



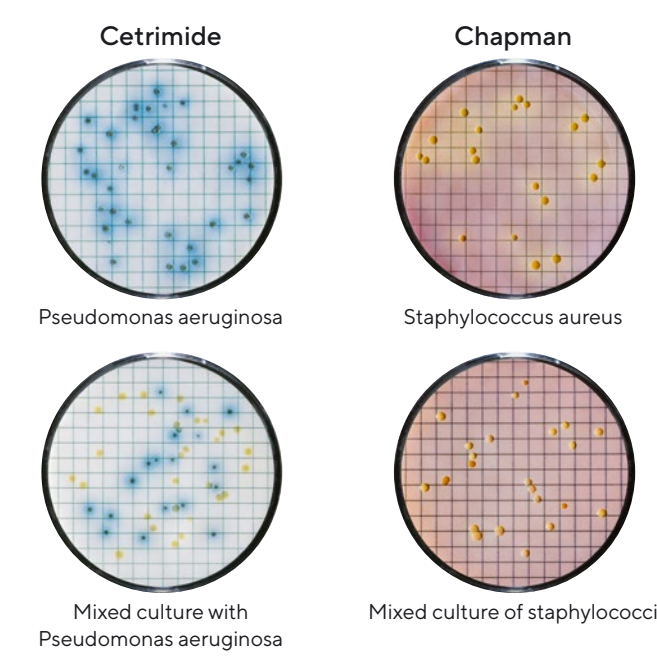
### E. coli and coliforms, Enterobacteria



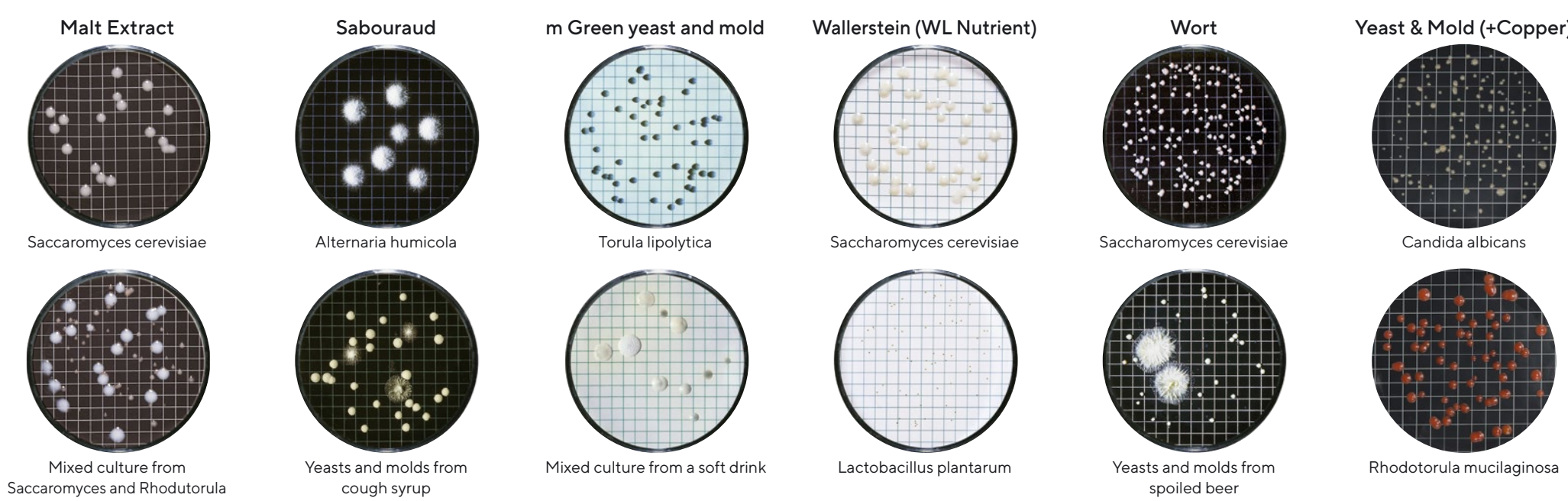
### Other faecal bacteria



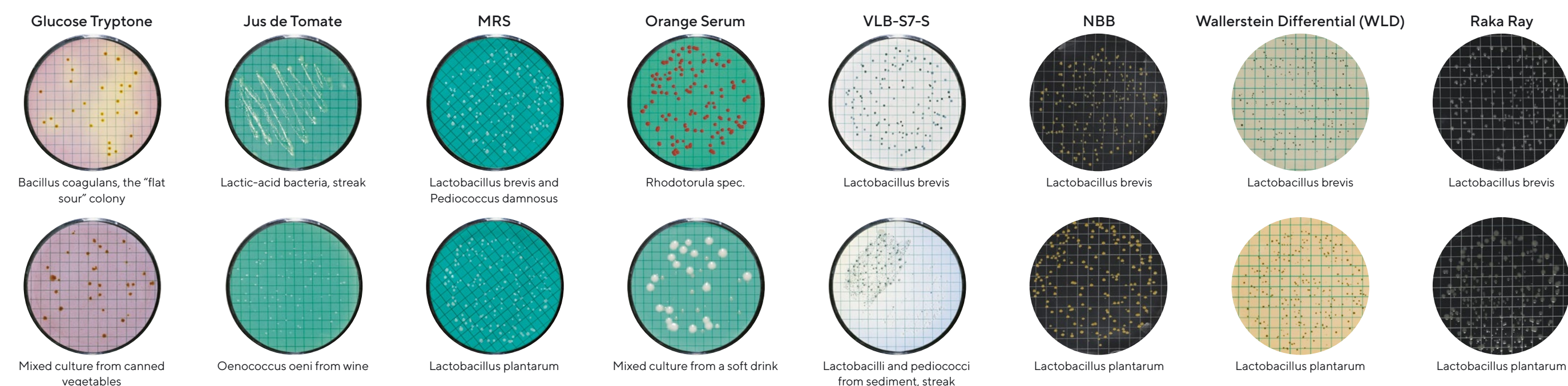
### Non-faecal, pathogenic bacteria



### Yeasts and molds



### Product Spoiling Microorganisms



### Typical Application Examples

Product	Detection and enumeration of...	Nutrient Pad type
<b>Beer</b>	Lactobacilli and Pediococci and other beer spoiling organisms	VLB-S7-S, Raka Ray, Wallerstein Differential, NBB
	Total colony count	Standard, Standard TTC,
	Wild yeasts	Yeast & Mold (+Copper)
	Yeasts and molds	Malt Extract*, Wallerstein Nutrient, Wort
<b>Diary products</b>	Lactobacilli	MRS
<b>Foods</b>	Acid-tolerant microorganisms	Orange Serum
	Enterobacteria, E. coli and coliforms	CHROMOCULT®, Endo, (MacConkey), m FC, Tergitol TTC
	Enterococci, Enterococcus faecalis	Azide   KF Strep
	Lactobacilli	MRS
	Pseudomonas aeruginosa	Cetrimide
	Salmonellae	Bismuth Sulfite
	Staphylococci, Staphylococcus aureus	Chapman
	Thermophilic spore formers and mesophilic bacteria	Glucose Tryptone
	Total colony count	Caso, Standard, Standard TTC, TGE   Tryptone Glucose Extract
	Yeasts and molds	Malt Extract, Wort
	<b>Food and Beverages</b>	Lactobacilli
<b>Fruit juice</b>	Enterobacteria, E. coli and coliforms	Endo, (MacConkey) Tergitol TTC*
	Oenococcus and other product spoiling organisms	Jus de Tomate   Tomato Juice, Orange Serum
	Lactobacilli	MRS
	Yeasts and molds	Malt Extract, m Green yeast and mold   Schaufus Pottinger, Wallerstein Nutrient, Wort
<b>Milk</b>	E. coli and coliforms	Endo
	Enterococci, Enterococcus faecalis	Azide   KF Strep
	Salmonellae	Bismuth Sulfite
<b>Pharmaceuticals, WFI, raw materials, and cosmetics</b>	Enterobacteria, E. coli	MacConkey
	Enterococci, Enterococcus faecalis	Azide   KF Strep
	Pseudomonas aeruginosa	Cetrimide (cosmetics only)
	Salmonellae	Bismuth Sulfite
	Staphylococci, Staphylococcus aureus	Chapman
	Total colony count	Caso, R2A
	Yeasts and molds, Candida albicans	Sabouraud
<b>Soft drinks, concentrates</b>	Acid-tolerant microorganisms, Lactic-acid bacteria	Orange Serum, VLB-S-7-S
	Enterobacteria, E. coli and coliforms	Endo, MacConkey
	Lactobacilli	MRS
	Thermophilic spore formers and mesophilic bacteria	Standard*, Standard TTC*, TGE   Tryptone Glucose Extract
	Yeasts and molds	Malt Extract, m Green yeast and mold   Schaufus Pottinger, Wallerstein Nutrient, Wort
<b>Sugar, sugar products</b>	E. coli and coliforms	Endo
	Thermophilic spore formers and mesophilic bacteria	Glucose Tryptone
	Yeasts and molds	Malt Extract*, Schaufus Pottinger   m Green yeast and mold, Wort*
<b>Water (general quality), mineral water, natural water, waste water</b>	Acid-tolerant microorganisms, Lactic-acid bacteria	Orange Serum
	Enterobacteria, E. coli and coliforms	Chromogenic Coliform (DIN EN ISO 9308-1), CHROMOCULT®, Endo, (MacConkey), m FC, Tergitol TTC
	Enterococci, Enterococcus faecalis	Azide   KF Strep
	Pseudomonas aeruginosa	Cetrimide
	Salmonellae	Bismuth Sulfite
	Staphylococci, Staphylococcus aureus	Chapman
	Total colony count	Caso, R2A, Standard, Standard TTC, TGE   Tryptone Glucose Extract, Yeast Extract
	Yeasts and molds, Candida albicans	Sabouraud
<b>Wine</b>	Acetobacter	Orange Serum, Wort (both wetted with 5-8% ethanol)
	Acid-tolerant microorganisms, Lactic-acid bacteria	Orange Serum
	Lactobacilli	MRS
	Oenococcus and other wine spoiling microorgan.	Jus de Tomate   Tomato Juice
	Yeasts and molds	Malt Extract, m Green yeast and mold   Schaufus Pottinger, Wallerstein Nutrient, Wort

\* These NPS types are suitable for the determination of the mentioned microorganisms, although the media are not explicit declared in references. The description of the typical results or any pictures show typical appearance of the mentioned microorganisms. In particular cases, color and shape of the colonies could vary from the expected habitus. Further tests may be necessary to validate the result. Sartorius Stedim Biotech shall not be liable for consequential and/or incidental damage sustained by any customer from the use of its products. Nutrient Pad Sets (NPS) are subject to continuous product improvement as part of our product development program to align our products with changing application requirements.

\*\* Trade mark owner and manufacturer is Merck KGaA