

Clostridien-Differential-Bouillon

Shorthand symbol:	DRCM
Item number:	60-1116
Format:	Tube, 9ml
Colour:	Red brown, transparent
Storage conditions:	Dry, closed at 15-22°C
Shelf-life:	4 Weeks
pH:	7.1 ± 0.2 at 25°C



Intended use and fields of application

The Clostridia Differential Broth is used to determine the colony count of clostridia according to the MPN technique in foods and other materials.

Typical composition in g/l

in g per 1l Nutrient medium

Meat peptone	10
Meat extract	10
Yeast extract	1.5
Soluble starch	1
Glucose	1
Sodium acetate	5
L-Cysteine hydrochloride	0.5
sodium sulfite	0.4
Iron (III)-citrate	0.7
Resazurin	0.002

Microbiological quality control

Die mikrobielle Leistungsprüfung erfolgt in Konformität mit den Anforderungen der DIN EN ISO 11133.

Productivity

Incubation conditions: 44 ± 4 hour at 36 ± 1 °C under anaerobic Atmospher; Inoculum concentration: ≤ 100 CFU

Organism	Test strain	Specification	Colony morphology
Clostridium perfringens	ATCC 13124 / WDCM 00007	Significant cloudy	Black color

Specificity

Incubation conditions: 44 ± 4 hours at 36 ± 1 °C under anaerobic Atmospher; Inoculum concentrationn: 1.000 – 10.000 CFU

Organism	Test strain	Specification	Colony morphology
Escherichia coli	ATCC 8739 / WDCM 00012	Bright cloudy	No black color

Microbial Contamination

Incubation conditions: 5 – 7 days at 20 – 25 °C and 5 – 7 days at 30 – 35 °C

Specification

No microbial contamination