



Specification

1.10275.0000 VRBD (Violet Red Bile Dextrose) agar acc. EP, USP, JP and ISO 21528 GranuCult®

Specification

Appearance (clearness)	clear
Appearance (color)	red
Solidification behaviour (4 hrs., 45 °C)	liquid
pH-value (25 °C)	7.2 - 7.6

Typical composition (g/litre): Peptone from gelatine 7.0; Yeast extract 3.0; Sodium chloride 5.0; D(+)Glucose 10.0; Bile salt mixture 1.5; Neutralred 0.03; Crystal violet 0.002; Agar-agar 13.0.

Growth promotion test in accordance with the current version of harmonised method of EP, USP and JP.

Specification

Inoculum on reference medium (Escherichia coli ATCC 8739 (WDCM 00012))	10 - 100	
Inoculum on reference medium (Pseudomonas aeruginosa ATCC 9027 (WDCM 00026))	10 - 100	
Inoculum (Staphylococcus aureus ATCC 6538 (WDCM 00032))	≥ 10000	
Inoculum (Bacillus cereus ATCC 11778 (WDCM 00001))	≥ 10000	
Colony count (Escherichia coli ATCC 8739 (WDCM 00012))		
Colony count (Pseudomonas aeruginosa ATCC 9027 (WDCM 00026))		
Recovery on test medium (Escherichia coli ATCC 8739 (WDCM 00012))	50 - 150	%
Recovery on test medium (Pseudomonas aeruginosa ATCC 9027 (WDCM 00026))	50 - 150	%
Colony color (Escherichia coli ATCC 8739 (WDCM 00012))	red colonies	
Colony color (Pseudomonas aeruginosa ATCC 9027 (WDCM 00026))	nearly colourless to slightly red colonies	
Precipitate (Escherichia coli ATCC 8739 (WDCM 00012))	+	
Growth (Staphylococcus aureus ATCC 6538 (WDCM 00032))	no growth	
Growth (Bacillus cereus ATCC 11778 (WDCM 00001))	no growth	

Incubation:
up to 18 hours at 30-35°C aerobic
Staphylococcus aureus and Bacillus cereus at least 24 hours.

Reference medium: Tryptic Soy Agar

Growth promotion test in accordance with the current version of DIN EN ISO 11133.

Specification

1.10275.0000 VRBD (Violet Red Bile Dextrose) agar acc. EP, USP, JP and ISO 21528 GranuCult®

Specification

Inoculum on reference medium (Escherichia coli ATCC 8739 (WDCM 00012))

Inoculum on reference medium (Escherichia coli ATCC 25922 (WDCM 00013))

Inoculum on reference medium (Salmonella typhimurium ATCC 14028 (WDCM 00031))

Inoculum on reference medium (Salmonella enteritidis ATCC 13076 (WDCM 00030))

Colony count (Escherichia coli ATCC 8739 (WDCM 00012))

Colony count (Escherichia coli ATCC 25922 (WDCM 00013))

Colony count (Salmonella typhimurium ATCC 14028 (WDCM 00031))

Colony count (Salmonella enteritidis ATCC 13076 (WDCM 00030))

Recovery on test medium (Escherichia coli ATCC 8739 (WDCM 00012))	≥ 50	%
---	------	---

Recovery on test medium (Escherichia coli ATCC 25922 (WDCM 00013))	≥ 50	%
--	------	---

Recovery on test medium (Salmonella typhimurium ATCC 14028 (WDCM 00031))	≥ 50	%
--	------	---

Recovery on test medium (Salmonella enteritidis ATCC 13076 (WDCM 00030))	≥ 50	%
--	------	---

Colonies (Escherichia coli ATCC 8739 (WDCM 00012))	Pink to red colonies with or without precipitation halo
--	---

Colonies (Escherichia coli ATCC 25922 (WDCM 00013))	Pink to red colonies with or without precipitation halo
---	---

Colonies (Salmonella typhimurium ATCC 14028 (WDCM 00031))	Pink to red colonies with or without precipitation halo
---	---

Colonies (Salmonella enteritidis ATCC 13076 (WDCM 00030))	Pink to red colonies with or without precipitation halo
---	---

Growth (Enterococcus faecalis ATCC 29212 (WDCM 00087))	total inhibition
--	------------------

Growth (Enterococcus faecalis ATCC 19433 (WDCM 00009))	total inhibition
--	------------------

Specification

1.10275.0000 VRBD (Violet Red Bile Dextrose) agar acc. EP, USP, JP and ISO 21528
GranuCult®

Incubation: 24 ± 2 hours at 37 ± 1 °C

A recovery rate of 50 % is equivalent to a productivity value of 0.5.

The indicated colony counts result from the sum of a triple determination.

Reference medium: Tryptic Soy Agar

The information above is current at this time of publication and is subject to change without notice (except for customers holding a change control agreement with our company). The information/format can be altered at any time and in any way if internal company matters or Standard Regulations do say so.

Stefanie Fischer

Responsible laboratory manager quality control

This document has been produced electronically and is valid without a signature.