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**Mikrobiologija v prehranski verigi - Horizontalna metoda za ugotavljanje *Vibrio* spp. - 1. del: Ugotavljanje potencialno enteropatogene *Vibrio parahaemolyticus*, *Vibrio cholerae* in *Vibrio vulnificus* - Dopolnilo A1: Preskušanje učinkovitosti gojišč ASPW, TCBS in SNA (ISO 21872 1:2017/DAM 1:2021)**

Microbiology of the food chain - Horizontal method for the determination of *Vibrio* spp. - Part 1: Detection of potentially enteropathogenic *Vibrio parahaemolyticus*, *Vibrio cholerae* and *Vibrio vulnificus* - Amendment 1: Performance testing for the media ASPW, TCBS and SNA (ISO 21872 1:2017/DAM 1:2021)

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Mikrobiologie der Lebensmittelkette - Horizontales Verfahren zur Bestimmung von *Vibrio* spp. - Teil 1: Nachweis von potentiell enteropathogenen *Vibrio parahaemolyticus*, *Vibrio cholerae* und *Vibrio vulnificus* - Änderung 1: Leistungsprüfung der Medien ASPW, TCBS und SNA (ISO 21872 1:2017/DAM 1:2021)

Microbiologie de la chaîne alimentaire - Méthode horizontale pour la détermination des *Vibrio* spp. - Partie 1: Recherche des espèces de *Vibrio parahaemolyticus*, *Vibrio cholerae* et *Vibrio vulnificus* potentiellement entéropathogènes - Amendement 1: Essais de performance des milieux EPAS, TCBS et GNS (ISO 21872 1:2017/DAM 1:2021)

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# DRAFT AMENDMENT

## ISO 21872-1:2017/DAM 1

ISO/TC 34/SC 9

Secretariat: AFNOR

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### Microbiology of the food chain — Horizontal method for the determination of *Vibrio* spp. —

Part 1:

### Detection of potentially enteropathogenic *Vibrio parahaemolyticus*, *Vibrio cholerae* and *Vibrio vulnificus*

### AMENDMENT 1: Performance testing for the media ASPW, TCBS and SNA

*Microbiologie de la chaîne alimentaire — Méthode horizontale pour la détermination des *Vibrio* spp. —*

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This document was prepared by Technical Committee TC 34, *Food products*, Subcommittee SC 9, *Microbiology*.

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# Microbiology of the food chain — Horizontal method for the determination of *Vibrio* spp. —

Part 1:

## Detection of potentially enteropathogenic *Vibrio parahaemolyticus*, *Vibrio cholerae* and *Vibrio vulnificus*

### AMENDMENT 1: Performance testing for the media ASPW, TCBS and SNA

#### Annex B

Add the following

#### B.12 Performance testing for the quality assurance of the culture media

The definition of selectivity and productivity is specified in ISO 11133. In general, follow the procedures for performance testing described in ISO 11133.

**Table B.1** Performance testing for the quality assurance of the culture media

Medium	Function	Incubation	Control strains	WDCM number <sup>a</sup>	Criteria <sup>c</sup>
ASPW	Productivity	41.5 °C ± 1 °C for 6 h ± 1 h	<i>Vibrio parahaemolyticus</i> <sup>d</sup> <i>Vibrio cholerae</i> <sup>d</sup> non-01/ non-0139	00185 00203	> 10 characteristic colonies on SNA or TCBS
		37 °C ± 1 °C for 6 h ± 1 h	<i>Vibrio vulnificus</i>	00187	
SNA	Productivity	37 °C ± 1 °C for 24 h ± 3 h	<i>Vibrio parahaemolyticus</i>	00185 <sup>b</sup>	Good growth (2)
			<i>Vibrio cholerae</i> non-01/ non-0139	00203 <sup>f</sup>	
			<i>Vibrio vulnificus</i>	00187	
<p><sup>a</sup> World Data Centre for Microorganisms (WDCM) strain catalogue available on <a href="http://refs.wdcm.org">http://refs.wdcm.org</a></p> <p><sup>b</sup> Strain to be used as a minimum (see ISO 11133)</p> <p><sup>c</sup> Growth is categorized as 0: no growth, 1: weak growth (partial inhibition), and 2: good growth (see ISO 11133).</p> <p><sup>d</sup> Strain free of choice; one of the strains has to be used as a minimum (see ISO 11133).</p> <p><sup>e</sup> An appropriate sucrose-positive <i>Vibrio</i> species such as <i>V. cholerae</i> WDCM 00203 can also be used.</p> <p><sup>f</sup> The use, storage and transport of <i>V. cholerae</i> can be limited by some national restrictions and directions</p>					