

# DIN EN ISO 4833-1:2022-05 (E)

Microbiology of the food chain - Horizontal method for the enumeration of microorganisms - Part 1: Colony count at 30 °C by the pour plate technique (ISO 4833-1:2013 + Amd 1:2022) (includes Amendment A1:2022)

---

<b>Contents</b>	<b>Page</b>
Foreword.....	3
<b>[A1]</b> European foreword to Amendment <b>[A1]</b> .....	4
<b>[A1]</b> Foreword to Amendment <b>[A1]</b> .....	5
<b>1</b> Scope.....	6
<b>2</b> Normative references.....	6
<b>3</b> Terms and definitions.....	6
<b>4</b> Principle.....	7
<b>5</b> Culture media and diluents.....	7
5.1 General.....	7
5.2 Diluents.....	7
5.3 Agar medium: plate count agar (PCA).....	7
5.4 Overlay medium (if necessary; see <a href="#">9.2.7</a> ).....	8
<b>6</b> Apparatus.....	9
<b>7</b> Sampling.....	9
<b>8</b> Preparation of test sample.....	9
<b>9</b> Procedure.....	9
9.1 Test portion, initial suspension and dilutions.....	9
9.2 Inoculation and incubation.....	9
9.3 Counting of colonies.....	10
<b>10</b> Expression of results.....	10
10.1 Method of calculation.....	10
10.2 Precision.....	10
10.3 Interpretation of test results.....	11
<b>11</b> Test report.....	12
<b>Annex A</b> (informative) Use of the critical difference for the interpretation of results.....	13
<b>Bibliography</b> .....	14