

DIN EN ISO 11348-1:2023-12 (E)

Water quality - Determination of the inhibitory effect of water samples on the light emission of *Vibrio fischeri* (Luminescent bacteria test) - Part 1: Method using freshly prepared bacteria (ISO 11348 -1:2007 + Amd 1:2018) (includes Amendment A1:2018)

Contents

	Page
Foreword	3
[A₁] European foreword to Amendment [A₁]	4
[A₁] Foreword to Amendment [A₁]	5
Introduction	6
1 Scope	7
2 Normative references	7
3 Principle.....	7
4 Interferences	8
5 Reagents and materials.....	8
6 Apparatus	10
7 Sampling and sample pretreatment.....	11
8 Cultivation of luminescent bacteria	11
9 Procedure	13
10 Evaluation.....	14
11 Expression of results.....	16
12 Criteria of validity	17
13 Precision	18
14 Test report.....	18
Annex A (informative) Colour-correction method.....	19
Annex B (informative) Dilution level D — Preparation of the dilution series	22
Annex C (informative) Precision data.....	25
Annex D (informative) Testing salt water samples with the luminescent bacteria test with freshly cultured bacteria.....	26
Bibliography	29