

# ISO 11348-1:2007-12 (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

---

<b>Contents</b>		<b>Page</b>
Foreword .....		iv
Introduction .....		v
1	Scope .....	1
2	Normative references .....	1
3	Principle .....	2
4	Interferences .....	2
5	Reagents and materials .....	2
6	Apparatus .....	4
7	Sampling and sample pretreatment .....	5
8	Cultivation of luminescent bacteria .....	5
9	Procedure .....	7
10	Evaluation .....	8
11	Expression of results .....	10
12	Criteria of validity .....	11
13	Precision .....	12
14	Test report .....	12
Annex A (informative) Colour-correction method .....		13
Annex B (informative) Dilution level D - Preparation of the dilution series .....		16
Annex C (informative) Precision data .....		19
Annex D (informative) Testing salt water samples with the luminescent bacteria test with freshly cultured bacteria .....		20
Bibliography .....		23