ISO 11348-1:2007-12 (E)

Water quality - Determination of the inhibitory effect of water samples on the light em ission of Vibrio fischeri (Luminescent bacteria test) - Part 1: Method using freshly prepared bacteria

Contents

Page

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