DIN EN ISO 10710:2013-06 (E)

Water quality - Growth inhibition test with the marine and brackish water macroalga Ceramium tenuicorne (ISO 10710:2010)

Contents

Page

Foreword 3

Introduction 4

1 Scope 5

2 Terms and definitions 5

3 Principle 6

4 Test organisms, nutrients, media, and materials 6

5 Cultivation 10

6 Apparatus 10

7 Procedure 11
7.1 Algae material 11
7.2 Preparation of dilution water 12
7.3 Choice of test concentrations 12
7.4 Start of test 13
7.5 Incubation 13
7.6 Measurement 13
7.7 Test with reference substances 13

8 Validity criteria 13

9 Evaluation of results 14
9.1 Calculations 14
9.2 Determination of ErCx 14
9.3 Expression of results 14
9.4 Interpretation of results 15

10 Reproducibility 15

11 Test report 15

Annex A (informative) Growth pattern of Ceramium tenuicorne in 7S and 20S 17

Annex B (informative) Results of ring test with Ceramium tenuicorne at 20 S 20

Bibliography 21