

# ISO 20079:2005-11 (E)

## Water quality - Determination of the toxic effect of water constituents and waste water on duckweed (*Lemna minor*) - Duckweed growth inhibition test

---

<b>Contents</b>		<b>Page</b>
Foreword .....		iv
Introduction .....		v
1	Scope .....	1
2	Normative references .....	1
3	Terms and definitions .....	1
4	Principle .....	3
5	Interferences .....	4
6	Apparatus .....	4
7	Reagents .....	4
8	Test organisms .....	7
9	Stock cultures and pre-cultures .....	7
10	Procedure .....	8
11	Validity criteria .....	10
12	Expression of results .....	10
13	Estimation of EC(r)x values for frond number and the second observation parameter .....	12
14	Documentation of results .....	12
15	Precision .....	12
16	Test report .....	13
Annex A (informative) Preparation of the nutrient media .....		14
Annex B (informative) Measurement of the lowest ineffective dilution (LID) of a waste water -- A simplified evaluation for testing of waste water .....		19
Annex C (informative) Suppliers of Lemna species .....		22
Bibliography .....		23