

# ISO 14371:2012-03 (E)

## Water quality - Determination of fresh water sediment toxicity to *Heterocypris incongruens* (Crustacea, Ostracoda)

---

<b>Contents</b>		<b>Page</b>
Foreword .....		iv
Introduction .....		v
1	Scope .....	1
2	Normative references .....	1
3	Terms and definitions .....	1
4	Principle .....	1
5	Test environment .....	2
6	Reagents, test organisms and media .....	2
7	Apparatus and material .....	3
8	Special precautions for sampling, transportation, storage and treatment of the sediment samples .....	4
9	Procedure .....	4
9.1	Hatching of the cysts .....	4
9.2	Pre-feeding of the ostracod neonates .....	4
9.3	Length measurement of the neonates .....	4
9.4	Addition of sediment and algal food to the test container .....	5
9.5	Transfer of the ostracod neonates into the test container .....	5
9.6	Incubation of the test system .....	6
9.7	Measurements .....	6
10	Reference test .....	8
11	Tests on pure chemicals or preparations .....	10
12	Validity criteria .....	10
13	Test report .....	10
Annex A (informative) Culturing of <i>Heterocypris incongruens</i> for cyst production .....		11
Annex B (informative) Precision data .....		13
Bibliography .....		15