

# DIN EN ISO 16712:2007-02 (E)

## Water quality - Determination of acute toxicity of marine or estuarine sediment to amphipods (ISO 16712:2005 )

---

<b>Contents</b>		<b>Page</b>
Foreword .....		3
Introduction .....		4
1	Scope .....	5
2	Principle .....	5
3	Test environment .....	5
3.1	Facilities .....	5
3.2	Lighting .....	5
4	Reagents and materials .....	5
4.1	Test organism .....	5
4.2	Overlying water .....	7
5	Apparatus .....	8
6	Treatment and preparation of samples .....	9
6.1	General .....	9
6.2	Control or reference sediment .....	9
6.3	Test sediment .....	9
6.4	Preparation of sediment samples .....	9
7	Test procedures .....	10
7.1	Preparing the exposure vessels .....	10
7.2	Introducing the organisms .....	10
7.3	Test conditions .....	11
7.4	Test observations and measurements .....	11
7.5	Expression of results .....	12
7.6	Reburrowing capability .....	12
7.7	Validity of the test .....	12
8	Analysis and interpretation of results .....	12
8.1	Data analysis .....	12
8.2	Non-contaminant factors .....	13
9	Reference toxicant .....	13
10	Precision .....	13
11	Test report .....	14
Annex A (informative) Reconstituted salt water .....		15
Annex B (normative) Maximum length of amphipod species, optimal salinity and temperature ranges .....		16
Annex C (informative) Precision data .....		17
Bibliography .....		18