

# ISO/TS 16189:2013-07 (E)

Footwear - Critical substances potentially present in footwear and footwear components - Test method to quantitatively determine dimethylformamide in footwear materials

---

<b>Contents</b>		<b>Page</b>
Foreword .....		iv
1	Scope .....	1
2	Normative references .....	1
3	Method principle .....	1
4	Reagents and solvents .....	1
4.1	Reagents .....	1
4.2	Stock solutions .....	1
5	Equipment .....	2
6	Preparation of sample .....	2
6.1	Sampling .....	2
6.2	Extraction .....	2
7	Determination with GC-MS .....	3
7.1	Calibration standard .....	3
7.2	Examples of instrumental method .....	3
8	Quantification .....	3
8.1	Calibration curve .....	3
9	Performance of the method .....	4
10	Test report .....	4
Annex A (informative) Suggested parameters for GC-MS determination of DMFo .....		5
Bibliography .....		6