

DIN EN ISO 15320:2011-11 (E)

Pulp, paper and board - Determination of pentachlorophenol in an aqueous extract (ISO 15320:2011)

Contents		Page
Foreword		3
1	Scope	4
2	Normative references	4
3	Principle	4
4	Apparatus	5
5	Reagents	5
6	Sampling	6
7	Extraction	6
7.1	Cold-water extraction	6
7.2	Hot-water extraction	7
8	Procedure	7
8.1	Preparation	7
8.2	Solid phase concentration	7
8.3	Derivatization	7
9	Calibration	8
10	Gas chromatographic analysis	8
10.1	Gas chromatographic condition	8
10.2	Establishing retention time of pentachlorophenol	8
10.3	Calculation of the area ratio versus mass ratio	8
10.4	Calibration for mass spectrometer using ¹³ C ₆ labelled pentachlorophenol	9
11	Calculation	9
12	Test report	10
Annex A (informative) Precision		11
A.1	General	11
A.2	Repeatability	11
A.3	Reproducibility	11
Bibliography		12