ISO 18857-1:2005-01 (E)

Water quality - Determination of selected alkylphenols - Part 1: Method fo r non-filtered samples using liquid-liquid extraction and gas chromatography with mass selective detection

Contents

Page

Foreword iv

1 Scope 1

2 Normative references 1

3 Principle 1

4 Interferences 2

5 Reagents 2

6 Apparatus 3

7 Sampling and sample pretreatment 4

8 Procedure 4

9 Calibration 6

10 Calculation 10

11 Expression of results 11

12 Test report 11

Annex A (informative) Suitable capillary columns 12

Annex B (informative) Examples of chromatograms 13

Annex C (informative) Recovery tests -- 4-nonylphenol (mixture of isomers) 15

Annex D (informative) Example of a separator 16

Annex E (informative) Method performance data 17

Bibliography 18