DIN EN 15308:2008-05 (E)

Characterization of waste - Determination of selected polychlorinated biphenyls (PCB) in solid waste by using capillary gas chromatography with electron capture or mass spectrometric detection

Contents

Page

Foreword 3

1 Scope 4

2 Normative references 4

3 Terms and definitions 4

4 Principle 5

5 Reagents 5

6 Apparatus 9

7 Safety precautions 10

8 Interferences 10

9 Sample storage 10

10 Pre-treatment 11

11 Procedure 11

12 Performance characteristics 19

13 Test report 22

and a contaminated soil sample 23

and a cable shredder sample 30

C.1 General 33
C.2 Type of samples and sample preparation 33
C.3 Homogeneity and stability 34
C.4 Extraction 35
C.5 Clean-up 35
C.6 Detection 35
C.7 PCB standard solution 35

Bibliography 38

Annex A (informative) Examples of GC/MS chromatograms of a calibration standard solution
Annex B (informative) Examples of GC-ECD chromatograms of a calibration standard solution Annex C (informative) Additional validation data 33

Annex D (informative) Summary of general requirements and recommendations 37