

DIN EN 17813:2024-03 (E)

Environmental solid matrices - Determination of halogens and sulfur by oxidative pyrohydrolytic combustion followed by ion chromatography

Contents		Page
European foreword		3
1 Scope		4
2 Normative references		4
3 Terms and definitions		4
4 Principle		4
5 Interferences		5
5.1 Interferences during combustion		5
5.2 Interferences during absorption		5
5.3 Interferences during ion chromatography		5
6 Reagents and gases		5
6.1 General		5
6.2 Reagents for ion chromatography		5
6.3 Reagents and gases for combustion		7
6.4 Control standard		7
6.5 Reagents for absorption		8
7 Apparatus		8
7.1 Combustion apparatus		8
7.2 Ion chromatography (IC) system		9
8 Sampling and sample preparation		11
9 Procedure		11
9.1 Combustion		11
9.2 Absorption		12
9.3 Ion chromatography		12
9.4 Initial and daily checks		13
10 Calculation		14
11 Expression of result		14
12 Test report		14
Annex A (informative) Performance characteristics		15
Bibliography		20