ISO 8518:2001-12 (E)

Workplace air - Determination of particulate lead and lead compounds - Flame or electrothermal atomic absorption s pectrometric method

Contents

Page

1 Scope 1
2 Normative references 1
3 Terms and definitions 2
4 Principle 5
5 Reactions 6
6 Requirement 6
7 Reagents 6
8 Apparatus 7
9 Occupational exposure assessment 11
9.1 Assessment strategy 11
9.2 Measurement strategy 11
9.3 Selection of measurement conditions and measurement pattern 11
10 Sampling 12
10.1 Preliminary considerations 12
10.2 Preparation of sampling equipment 13
10.3 Sampling position 14
10.4 Collection of samples 14
10.5 Transportation 14
11 Analysis 15
11.1 Cleaning of glassware and plasticware 15
11.2 Preparation of sample and blank solutions 15
11.3 Instrumental analysis 17
11.4 Estimation of the instrumental detection limit 20
11.5 Estimation of the method detection limit 20
11.6 Quality control 20
12 Expression of results 21
12.1 Calculation 21
12.2 Method performance 22
13 Special cases 23
14 Test report 23
Annexes A Guidance on filter selection 25
B Temperature and pressure correction 27
Bibliography 29