

ISO 22863-3:2020 (E)

Fireworks — Test methods for determination of specific chemical substances — Part 3: Lead and lead compounds by atomic absorption

Contents

| | |
|---------|--|
| | Foreword |
| 1 | Scope |
| 2 | Normative references |
| 3 | Terms and definitions |
| 4 | Principle |
| 5 | Reagents |
| 6 | Apparatus |
| 7 | Preparations |
| 8 | Analysis steps |
| 8.1 | Sample size |
| 8.2 | General requirement |
| 8.3 | Test procedure |
| 8.3.1 | Digestion process |
| 8.3.1.1 | Samples not containing titanium |
| 8.3.1.2 | Samples containing titanium |
| 8.3.2 | Calibration curve |
| 8.3.3 | Measurement |
| 9 | Calculations |
| 10 | Accuracy |
| 11 | Test report |
| Annex A | (informative) Reference working conditions of microwave digestion oven |
| Annex B | (informative) Reference working conditions of atomic spectrometer |
| Annex C | (informative) Standard addition method |
| C.1 | General |
| C.2 | Sample size |
| C.3 | General requirement |
| C.4 | Test procedure |
| C.4.1 | Digestion process |
| C.4.2 | Dilution of the digested sample solution |
| C.4.3 | Measurement |
| C.5 | Calculations |
| C.6 | Accuracy |