

ISO 15096:2020-02 (E)

Jewellery and precious metals - Determination of high purity silver - Difference method using ICP-OES

| Contents | | Page |
|---|--|-------------|
| Foreword | | iv |
| 1 Scope | | 1 |
| 2 Normative references | | 1 |
| 3 Terms and definitions | | 1 |
| 4 Principle | | 1 |
| 5 Reagents | | 1 |
| 6 Apparatus | | 2 |
| 7 Sampling | | 2 |
| 8 Procedure | | 3 |
| 8.1 General..... | | 3 |
| 8.2 Sample solution..... | | 3 |
| 8.3 Silver matrix calibration solutions (10 g/l)..... | | 3 |
| 8.4 Aqua regia matrix calibration solutions..... | | 4 |
| 8.5 Measurement..... | | 4 |
| 9 Calculation and expression of the results | | 4 |
| 9.1 Calibration curves..... | | 4 |
| 9.2 Calculation..... | | 4 |
| 9.3 Repeatability..... | | 5 |
| 10 Test report | | 5 |
| Annex A (informative) Wavelengths | | 6 |
| Annex B (normative) Determination of fineness of and above 999,9 ‰ | | 7 |
| Bibliography | | 9 |