

ISO 17226-2:2018 (E)

Leather — Chemical determination of formaldehyde content — Part 2: Method using colorimetric analysis

Contents

	Foreword
1	Scope
2	Normative references
3	Terms and definitions
4	Conformance
5	Principle
6	Reagents
6.1	Reagents for the formaldehyde stock solution
6.2	Reagents for the colorimetric method
7	Apparatus
8	Procedures
8.1	Procedure for the determination of formaldehyde in the stock solution
8.1.1	Preparation of the formaldehyde stock solution
8.1.2	Determination
8.2	Procedure for the determination of formaldehyde in leather by the colorimetric method
8.2.1	Sampling and preparation of samples
8.2.2	Extraction
8.2.3	Reaction with acetylacetone
8.2.4	Checking reagents for absence of formaldehyde
8.2.5	Testing other compounds which cause a colouring with acetylacetone
8.2.6	Calibration
8.2.7	Calculation of the content of formaldehyde of the leather sample
8.2.8	Spiking and recovery rate
9	Expression of results
10	Test report
Annex A	(informative) Precision: reliability of the colorimetric method

Page count: 8