

ISO 4619:2018 (E)

Driers for paints and varnishes

Contents

	Foreword
1	Scope
2	Normative references
3	Terms and definitions
4	Descriptions
4.1	Solid driers
4.2	Liquid driers
4.3	Metals used
4.4	Acids used
5	Requirements and test methods
6	Sampling
7	Methods of test for solid driers
7.1	Appearance and consistency
7.2	Colour
7.3	Solubility (miscibility) in solvents, raw linseed oil or other drying media
7.4	Stability of solution
7.5	Suspended solid matter
7.6	Volatile matter
7.7	Acidity
7.7.1	Principle
7.7.2	Reagents
7.7.3	Apparatus
7.7.4	Preparation of the ion-exchange column
7.7.5	Procedure
7.7.6	Expression of results
8	Methods of test for liquid driers
8.1	Appearance
8.2	Colour
8.3	Solubility (miscibility) in solvents, raw linseed oil or other drying media
8.4	Stability of solution
8.5	Viscosity
9	Methods for determination of metal content of driers containing only one metal
9.1	General
9.2	Cobalt [ethylene diaminetetraacetic acid (EDTA) titrimetric method]
9.2.1	Reagents
9.2.2	Procedure
9.2.3	Expression of results
9.3	Manganese (EDTA titrimetric method)
9.3.1	Reagents
9.3.2	Procedure
9.3.3	Expression of results
9.4	Zinc (EDTA titrimetric method)
9.4.1	Reagents
9.4.2	Procedure
9.4.3	Expression of results

9.5	Calcium (EDTA titrimetric method)
9.5.1	Reagents
9.5.2	Procedure
9.5.3	Expression of results
9.6	Iron (Iodometric method)
9.6.1	Principle
9.6.2	Reagents
9.6.3	Procedure
9.6.4	Expression of results
9.7	Zirconium (EDTA titrimetric method)
9.7.1	Reagents
9.7.2	Procedure
9.7.3	Expression of results
9.8	Barium
9.8.1	General
9.8.2	Method A (gravimetric method)
9.8.2.1	Principle
9.8.2.2	Reagents
9.8.2.3	Procedure
9.8.2.4	Expression of results
9.8.3	Method B (acidimetric method)
9.8.3.1	General
9.8.3.2	Principle
9.8.3.3	Reagents
9.8.3.4	Apparatus
9.8.3.5	Procedure
9.8.3.6	Expression of results
10	Methods for determination of metal contents of mixed driers
11	Test report

Page count: 20