



**International
Standard**

ISO 3549

**Zinc dust pigments for paints —
Specifications and test methods**

*Pigments à base de poussière de zinc pour peintures —
Spécifications et méthodes d'essai*

**Third edition
2024-02**

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Contents

Page

Foreword.....	v
1 Scope.....	1
2 Normative references.....	1
3 Terms and definitions.....	1
4 Required characteristics and tolerances.....	1
5 Sampling.....	3
6 Determination of residue on sieve.....	3
6.1 Principle.....	3
6.2 Apparatus.....	3
6.3 Checking and cleaning the sieve.....	5
6.4 Procedure.....	5
6.5 Expression of results.....	5
7 Determination of total zinc content.....	6
7.1 Principle.....	6
7.2 Reagents.....	6
7.3 Procedure.....	7
7.3.1 Test portion.....	7
7.3.2 Determination.....	7
7.4 Expression of results.....	7
8 Determination of metallic zinc content.....	8
8.1 Principle.....	8
8.2 Reagents and materials.....	8
8.3 Procedure.....	9
8.3.1 General.....	9
8.3.2 Test portion.....	9
8.3.3 Determination.....	9
8.4 Expression of results.....	9
9 Determination of lead, cadmium and iron content.....	10
9.1 Principle.....	10
9.2 Reagents and materials.....	10
9.3 Apparatus.....	11
9.4 Procedure.....	11
9.4.1 Test portion.....	11
9.4.2 Preparation of test solutions.....	11
9.4.3 Determination.....	12
9.5 Expression of results.....	12
10 Determination of arsenic content.....	13
10.1 Principle.....	13
10.2 Reagents and materials.....	13
10.3 Apparatus.....	14
10.4 Procedure.....	15
10.4.1 Preparation of the calibration graph.....	15
10.4.2 Test portion.....	15
10.4.3 Preparation of the test solution.....	16
10.4.4 Determination.....	16
10.5 Expression of results.....	18
11 Determination of chloride content.....	18
11.1 Principle.....	18
11.2 Reagents and materials.....	18
11.3 Apparatus.....	18
11.4 Procedure.....	19

ISO 3549:2024(en)

11.4.1	Preparation of the calibration graph.....	19
11.4.2	Determination	19
12	Determination of matter insoluble in acid.....	19
12.1	Reagents and materials	19
12.2	Apparatus.....	19
12.3	Procedure.....	19
12.3.1	Test portion.....	19
12.3.2	Determination	20
12.4	Expression of results.....	20
13	Test report.....	20
	Bibliography.....	21

Foreword

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This third edition cancels and replaces the second edition (ISO 3549:1995), which has been technically revised.

The main changes are as follows:

- the maximum residue on the 45 µm sieve has been changed from 5 % mass fraction to 0,5 % mass fraction;
- three types of zinc dust pigments (I, II and III) have been introduced with different requirements;
- inductively coupled plasma-optical emission spectroscopy (ICP-OES) has been added as an analytical technique used for elemental analysis;
- the nominal size of sieve aperture has been changed from 125 µm – 90 µm – 45 µm to 125 µm – 75 µm – 45 µm;
- CAS Registry Numbers® have been added to the reagents;
- the normative references have been updated;
- a bibliography has been added.

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