

Australian Standard™

Paints and related materials—Methods of test**Method 301.1: Non-volatile content by mass**

PREFACE

This Standard was prepared by the Australian members of the Joint Standards Australia Committee CH-003, Paints and Related Materials. After consultation with stakeholders in both countries, Standards Australia and Standards New Zealand decided to develop this Standard as an Australian, rather than an Australian/New Zealand Standard.

This Standard incorporates Amendment No. 1 (March 2006). The changes required by the Amendment are indicated in the text by a marginal bar and amendment number against the clause, note, table, figure or part thereof affected.

This Standard is substantially the same as that issued in 1975, but limits the sample mass to 1.0 to 1.5 g and specifies precision data for the test method.

METHOD

1 SCOPE

This Standard sets out a procedure for determining the non-volatile matter by mass of paints and related materials, under specified conditions of time and temperature.

NOTE: Other temperatures and heating durations may be used providing the conditions are stated in the test report.

2 REFERENCED DOCUMENTS

The following documents are referred to in this Standard:

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| AS | |
| 1580 | Paints and related materials—Methods of test |
| 1580.101.4 | Method 101.4: Conditions of test—Temperature control |
| 1580.102.1 | Method 102.1: Sampling procedure |
| 1580.102.2 | Method 102.2: In-process sampling |
| 1580.103.1 | Method 103.1: Examination and preparation of samples for testing |
| 1621 | Safety requirements for electrically heated Type 1 ovens in which flammable volatiles can occur |
| 2310 | Glossary of paint and painting terms |
| 2831 | Thermometers—Solid stem—Long and short—For precision use |

3 DEFINITIONS

For the purpose of this Standard, the definitions of AS 2310 apply.