

# ISO 18946:2023-12 (E)

## Imaging materials - Reflection colour photographic prints - Method for testing humidity fastness

---

<b>Contents</b>	<b>Page</b>
Foreword.....	iv
Introduction.....	v
<b>1 Scope.....</b>	<b>1</b>
<b>2 Normative references.....</b>	<b>1</b>
<b>3 Terms and definitions.....</b>	<b>1</b>
<b>4 Requirements.....</b>	<b>2</b>
<b>5 Outline of test procedure.....</b>	<b>2</b>
<b>6 Sample preparation.....</b>	<b>3</b>
6.1 General.....	3
6.2 Test target.....	4
6.3 Printer driver setting.....	5
6.4 Printing conditions.....	5
6.5 Sample conditioning.....	5
<b>7 Humidity exposure.....</b>	<b>6</b>
7.1 Equipment and calibration.....	6
7.2 Test environment control.....	6
7.3 Method A — Fixed humidity condition.....	7
7.4 Method B — Multiple humidity conditions.....	7
<b>8 Colorimetric measurement.....</b>	<b>7</b>
<b>9 Data analysis.....</b>	<b>8</b>
<b>10 Test report.....</b>	<b>9</b>
10.1 General.....	9
10.2 Samples information.....	9
10.3 Test conditions.....	9
10.4 Results.....	9
10.4.1 General.....	9
10.4.2 Method A.....	10
10.4.3 Method B.....	10
<b>Annex A (informative) Correspondence to psychophysical evaluation.....</b>	<b>11</b>
<b>Annex B (informative) Test target for humidity fastness test — RGB values of input signal in 8 bit.....</b>	<b>12</b>
<b>Bibliography.....</b>	<b>13</b>