ISO 18314-4:2024-01 (E)

Analytical colorimetry - Part 4: Metamerism index for pairs of samples for change of illuminant

Contents

Page

Foreword ... **iv**

Introduction ... **v**

1 Scope ... **1**

2 Normative references ... **1**

3 Terms and definitions ... **1**

4 Symbols ... **2**

5 Reference illuminant ... **3**

6 Test illuminant ... **3**

7 CIELAB coordinates L^*, a^*, b^* ... **3**

8 Metamerism index for change in illuminant ... **4**

8.1 General calculation methods ... 4

8.2 Basic calculation of the metamerism index from colour differences ... 5

8.3 Correction methods ... 5

8.3.1 Additive correction ... 5

8.3.2 Multiplicative correction ... 5

8.3.3 Spectral correction ... 6

8.4 Test report ... 10

Annex A (informative) **Calculation examples** ... **11**

Bibliography ... **24**