DIN EN ISO 29841:2016-10 (E)

Vegetable fats and oils - Determination of the degradation products of chlorophyll s a and a' (pheophytins a, a' and pyropheophytins) (ISO 29841:2009 + AMD 1:2016) (includes Amendment :2016)

Contents

Page

Foreword to EN ISO 29841:2014 ..... **3**

[A1] European foreword to EN ISO 29841:2014/A1:2016 [A1] **4**

1 Scope **5**

2 Normative references **5**

3 Terms and definitions **5**

4 Principle **5**

5 Reagents **5**

6 Apparatus **6**

7 Sample **7**
7.1 Sampling **7**
7.2 Preparation of the test sample **7**

8 Procedure **7**

9 Results of the determination **8**
9.1 Peak identification **8**
9.2 [A1] Calculation of the relative pyropheophytin *a* content [A1] **8**

10 Precision of the method **8**
10.1 Interlaboratory test **8**
10.2 Repeatability **8**
10.3 Reproducibility **8**

11 Test report **9**

Annex A (informative) **Example of a typical chromatogram** **10**

Annex B (informative) **Results of an interlaboratory test** **12**

Annex C (informative) **Direct HPLC method with fluorescence detection** **13**
C.1 Principle **13**
C.2 Solvents for HPLC **13**
C.3 Apparatus **13**
C.4 Procedure **13**

Bibliography **15**