DIN EN ISO 660:2020-12 (E)

Animal and vegetable fats and oils - Determination of acid value and acidity (ISO 660:2020)

Contents

Page

European foreword 3

Foreword 4

1 Scope 5

2 Normative references 5

3 Termsanddefinitions 5

4 Principle 6

5 Reagents 6

6 Apparatus 7

7 Sampling 7

8 Preparation of test sample 7

9 Procedure 7
9.1 Cold solvent method using indicator (reference method) 7
9.2 Cold solvent method using potentiometric titration (reference method) 8
9.3 Hot ethanol method using indicator 8

10 Calculation 9
10.1 General 9
10.2 Acid value 9
10.3 Acidity or free fatty acid content 9

11 Precision 10
11.1 Repeatability 10
11.2 Reproducibility 10

12 Test report 10

Annex A (informative) Results of interlaboratory tests 11

Annex B (informative) Comparison of three coloured indicators 14

Bibliography 16