ISO 14897:2023-06 (E)

Plastics - Polyols for use in the production of polyurethanes - Determination of water content

Contents

Page

Foreword ... **iv**

Introduction ... **v**

1 Scope ... **1**

2 Normative references ... **1**

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

4 Principle ... **2**

5 Application ... **2**

6 Interferences ... **2**

7 Reagents ... **3**
7.1 Purity of reagents ... 3
7.2 Purity of water ... 3
7.3 Reagents for Method A (manual titration) ... 3
7.4 Reagent for Method B ... 3

8 Apparatus ... **3**
8.1 Apparatus for Method A (manual titration) ... 3
8.2 Apparatus for Method B (automated titration) ... 4

9 Sampling ... **4**

10 Standardization of reagent ... **5**
10.1 Standardization of reagent for Method A (manual titration) ... 5
10.2 Standardization of reagent for Method B (automatic amperometric or coulometric titration) ... 5
10.3 Calculation ... 6

11 Procedure ... **6**
11.1 Procedure for Method A (manual titration) ... 6
11.2 Procedure for Method B (amperometric or coulometric titration) ... 6

12 Expression of results ... **6**

13 Precision and bias ... **7**
13.1 General ... 7
13.2 Precision and bias for Method B ... 7
13.2.1 Precision ... 7
13.2.2 Bias ... 8

14 Test report ... **8**

Annex A (informative) **Interlaboratory precision studies** ... **9**

Bibliography ... **10**