ISO 19670:2017-03 (E)

Fertilizers and soil conditioners - Solid urea aldehyde slow release fertilizer - General requirements

Contents

Page

Foreword iv

Introduction v

1 Scope 1

2 Normative references 1

3 Termsanddefinitions 1

4 Requirements 2
4.1 Visual inspection 2
4.2 Requirement of solid urea aldehyde slow release fertilizer 2

5 Analytical methods 3
5.1 Determination of the appearance 3
5.2 Determination of the mass fraction of total nitrogen 3
5.3 Determination of the mass fraction of ureic nitrogen 3
5.4 Determination of the mass fraction of CWIN 3
5.4.1 Principle 3
5.4.2 Reagents 3
5.4.3 Apparatus 3
5.4.4 Procedure 4
5.4.5 Expression of results 4
5.5 Determination of the mass fraction of HWIN and AI 4
5.5.1 Principle 4
5.5.2 Reagents 4
5.5.3 Apparatus 5
5.5.4 Procedure 5
5.5.5 Expression of results 5
5.6 Determination of the mass fraction of nitrogen from IBDU and CDU 6

6 Sampling and preparation of test sample 6
6.1 Sampling method 6
6.1.1 Products in bags 6
6.1.2 Products in bulk 6
6.2 Reduction of samples 6
6.3 Test sample preparation 6

7 Marking and labelling 7

8 Packaging, transport and storage 7

Bibliography 8