DIN EN 16024:2011-06 (E)

Fertilizers - Determination of 1H-1,2,4-triazole in urea and in fertilizers containing urea - Method using high-per formance liquid chromatography (HPLC)

Contents

Page

Foreword 3

1 Scope 4

2 Normative references 4

3 Terms and definitions 4

4 Principle 4

5 Reagents 4

6 Apparatus 5

7 Sampling and sample preparation 5

8 Procedure 5
8.1 Preparation of the test solution 5
8.2 Preparation of the calibration solutions 5
8.3 HPLC conditions 6
8.4 HPLC determination 7

9 Calculation and expression of the results 7
9.1 Calculation 7
9.2 Expression of results 8

10 Precision 8
10.1 Inter-laboratory test 8
10.2 Repeatability 8
10.3 Reproducibility 8

11 Test report 9

Annex A (informative) Statistical results of the inter-laboratory test 10

Bibliography 11