ISO 22887:2020 (E)

Determination of total sulfur in fertilizers by high temperature combustion

Contents

Foreword

Introduction

1 Scope

2 Normative references

3 Terms and definitions

4 Principle

5 Apparatus, material and reagents

- 5.1 General
- 5.2 Apparatus
- 5.2.1 Apparatus A: Combustion followed by thermal conductivity detection
- 5.2.2 Apparatus B: Combustion followed by single-range infrared detection
- 5.3 Materials, reagents and consumables
- 5.3.1 Materials
- 5.3.2 Reagents
- 5.3.3 Consumables

6 Calibration curve and daily factor

7 Preparation of test samples (analytical samples)

- 7.1 Liquid fertilizers
- 7.2 Solid fertilizers

8 Determination

9 Calculations and quality control

- 9.1 Calculations
- 9.2 Quality control

Annex A (informative) Ring-test

- A.1 Laboratories and samples
- A.2 Statistical analyses

Page count: 8