ISO 10315:2021 (E)

Cigarettes — Determination of nicotine in total particulate matter from the mainstream smoke — Gas-chromatographic method

Contents

Foreword

Introduction

1 Scope

2 Normative references

3 Terms and definitions

4 Principle

5 Reagents

6 Apparatus

7 Procedure

- 7.1 Test portion
- 7.2 Setting up the apparatus
- 7.3 Calibration of the gas chromatograph
- 7.4 Determination

8 Expression of results

9 Repeatability and reproducibility

10 Alternative gas-chromatographic procedures and analysis precautions

- 10.1 General
- 10.2 Alternative columns
- 10.2.1 Packed columns
- 10.2.2 Capillary columns
- 10.3 Injection systems
- 10.4 Alternative internal standards

11 Test report

Annex A (informative) Use of this method with the gas-chromatographic determination of water

Annex B (informative) Example of chromatogram

Page count: 9