

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