

ISO 8454:2024-04 (E)

Cigarettes - Determination of carbon monoxide in the vapour phase of cigarette smoke - NDIR method

Contents		Page
Foreword.....		iv
Introduction.....		v
1 Scope		1
2 Normative references		1
3 Terms and definitions		1
4 Principle		1
5 Apparatus		2
6 Standard gas mixtures		2
7 Procedure		3
7.1 Conditioning.....		3
7.2 Calibration of the NDIR analyser.....		3
7.3 Smoking and collection of vapour phase.....		4
7.3.1 Preparation of vapour-phase collection system.....		4
7.3.2 Smoking procedure.....		4
7.4 Measurement of carbon monoxide volume concentration.....		4
8 Expression of results		4
8.1 Calculation of the average volume of carbon monoxide per cigarette.....		4
8.2 Calculation of the average mass of carbon monoxide per cigarette.....		5
9 Repeatability and reproducibility		5
10 Test report		6
Bibliography		7