ISO 6974-6:2002-10 (E)

Natural gas - Deter mination of composition with defined uncertainty by gas chromatography - Part 6: Determination of hydrogen, helium, oxygen, nitrogen, carbon dioxide and C<(Index)1> to C<(Index)8> hydrocarbons using three capillary columns

Contents

Page

Foreword iv

Introduction v

1 Scope 1

2 Normative references 1

3 Principle 3
3.1 Analysis of natural gas samples 3
3.2 Analysis of natural gas substitutes 3

4 Materials 3

5 Apparatus 4

6 Procedure 9
6.1 Operating conditions 9
6.2 Performance requirements 11
6.3 Determination 11

7 Calculation 14

8 Precision 14

9 Test report 14

Annex A (informative) Typical precision values 15

Bibliography 16