DIN EN ISO 2614:2024-04 (E)

Analysis of natural gas - Biomethane - Determination of terpenes' content by micro gas chromatography (ISO 2614:2023)

Contents

Page

European foreword ... **3**

Foreword ... **4**

Introduction ... **5**

1 Scope ... **6**

2 Normative references ... **6**

3 Terms and definitions ... **6**

4 Principles of analysis ... **7**
4.1 General considerations ... 7
4.2 Sample handling and injection ... 7
4.2.1 Cleanness ... 7
4.2.2 Sampling of biomethane into vessels ... 7
4.2.3 Sample injection ... 7

5 Materials ... **8**
5.1 Terpenes calibration standards ... 8
5.2 Micro gas chromatograph (µGC-TCD) ... 8

6 Analysis ... **8**
6.1 Analytical conditions ... 8
6.2 Collection of samples ... 8
6.3 Quantification method ... 8

7 Performance characteristics ... **9**

8 Test report ... **9**

Annex A (informative) **Terpene characteristics and analytical conditions** ... **10**

Bibliography ... **12**