

ISO 17196:2014-11 (E)

Dimethyl ether (DME) for fuels - Determination of impurities - Gas chromatographic method

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Principle	2
5	Analysis and analytical requirements	2
5.1	Apparatus and materials	2
5.2	Resolution	3
6	Procedures	3
6.1	Setting up the analytical system	3
6.2	Sample preparation	3
6.3	Injection	3
7	Calibration, calculation, and control charts	4
7.1	Calibration	4
7.2	Calculation	4
7.3	Control charts	4
8	Precision	5
9	Test report	5
Annex A (informative) Examples of chromatographic systems and conditions (1)		7
Annex B (informative) Examples of chromatographic systems and conditions (2)		12
Annex C (informative) Example of working reference gas mixture		15
Annex D (informative) Report of the interlaboratory tests		17
Annex E (informative) Solubility of CO and CO ₂ in DME		22
Bibliography		25