

DIN EN 17057:2018-03 (E)

Automotive fuels and fat and oil derivates - Determination of saturated monoglycerides content in Fatty Acid M ethyl Esters (FAME) - Method by GC-FID

Contents		Page
	European foreword	3
1	Scope	4
2	Normative references	4
3	Principle	4
4	Reagents and materials	4
5	Apparatus	5
6	Preparation of solutions	5
6.1	Glyceryl monononadecanoate stock solution, 2,5 mg/ml	5
6.2	Reference solution	6
7	Sampling	6
8	Procedure	6
8.1	Operating conditions	6
8.2	Column evaluation	7
8.3	Analysis of the reference solution	7
8.4	Preparation and analysis of the samples	8
8.5	Identification	8
8.6	Calibration	8
9	Determination of results	8
9.1	Integration of the peaks	8
9.2	Calculation	9
10	Expression of results	9
11	Precision	9
11.1	General	9
11.2	Repeatability, r	10
11.3	Reproducibility, R	10
12	Test report	10
	Annex A (informative) Saturated monoglyceride standards	11
	Annex B (informative) Calculation of column performance	12
	Annex C (informative) Example chromatograms	14
	Bibliography	15