

DIN EN ISO 20846:2026-10 (E)

Petroleum and related products - Determination of sulfur content of automotive fuels - Ultraviolet fluorescence method (ISO 20846:2026)

Contents

Page

Foreword.....	iv
1 Scope.....	1
2 Normative references.....	1
3 Terms and definitions.....	2
4 Principle.....	2
5 Reagents and materials.....	2
5.1 Inert gas.....	2
5.2 Oxygen.....	2
5.3 Solvent.....	2
5.4 Sulfur compounds.....	2
5.5 Sulfur stock solution.....	3
5.6 Calibration standards.....	3
5.7 Quality control samples.....	3
5.8 Quartz wool.....	4
6 Apparatus.....	4
7 Sampling and sample handling.....	5
8 Apparatus preparation.....	5
9 Apparatus calibration and verification.....	6
9.1 Multi-point calibration.....	6
9.2 Single point calibration.....	8
9.3 Verification.....	8
10 Procedure.....	9
11 Calculation.....	9
11.1 Using multi-point calibration.....	9
11.2 Using one-point calibration.....	10
11.3 Calculation.....	10
12 Expression of results.....	11
13 Precision.....	11
13.1 General.....	11
13.2 Repeatability, r	11
13.3 Reproducibility, R	11
13.4 Precision estimates.....	12
14 Test report.....	12
Bibliography.....	13