

ICS

English version

**Petroleum products - Determination of polycyclic aromatic  
hydrocarbons - Ultraviolet (UV) spectrometric method**

Produits pétroliers - Détermination des hydrocarbures  
aromatiques polycycliques - Méthode par spectrométrie  
ultraviolette (UV)

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EUROPEAN COMMITTEE FOR STANDARDIZATION  
COMITÉ EUROPÉEN DE NORMALISATION  
EUROPÄISCHES KOMITEE FÜR NORMUNG

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## Foreword

This CEN Report has been prepared by Technical Committee CEN/TC 19 "Petroleum products, lubricants and related products", the Secretariat of which is held by the Netherlands Standardization Institute (NNI)).

### 1. Scope

This CEN Report describes a method of test which can be used for the determination of polycyclic aromatic hydrocarbons (and compounds of similar structure) in diesel fuels and petroleum distillates in the concentration range 1 g/l to 40 g/l.

The method described is applicable to all hydrocarbon mixtures that are completely soluble in cyclohexane and is not restricted to a particular boiling range.

**WARNING.** The use of this CEN Report may involve hazardous materials, operations and equipment. This Report does not purport to address all of the safety problems associated with its use. It is the responsibility of the user of this Report to establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use.

### 2. Normative references

This CEN Report incorporates, by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this CEN Report only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies.

EN ISO 3170, *Petroleum liquids - Manual sampling.*

EN ISO 3171, *Petroleum liquids - Automatic pipeline sampling.*

EN ISO 3696, *Water for analytical laboratory use - Specification and test methods.*

EN ISO 4259, *Petroleum products - Determination and application of precision data in relation to methods of test.*

ISO 1042, *Laboratory glassware - One-mark volumetric flasks.*