

ISO 11338-2:2003-06 (E)

Stationary source emissions - Determination of gas and particle-phase polycyclic aromatic hydrocarbons - Part 2: Sample preparation, clean-up and determination

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Principle	2
4.1	Sampling	2
4.2	Analysis	2
5	Safety measures	2
6	Procedures	2
6.1	HPLC method	2
6.2	GC-MS method	9
7	Limitations and interferences	16
7.1	Limitations	16
7.2	Interferences	17
Annex A (informative)	Maximum UV absorption wavelength and recommended combinations of excitation-emission wavelengths for HPLC	18
Annex B (informative)	Formulae and physical properties of selected PAH	19
Annex C (informative)	Characteristic ions for GC-MS detection of selected PAH, recovery, and surrogate recovery standards	20
Annex D (informative)	Applicability of internal standards for GC-MS detection of selected PAH	21
Annex E (normative)	Summary of performance characteristics of the HPLC method	22
Bibliography		23