Hellenic Accreditation System

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Annex F1/1 to the Certificate No. **1354**

SCOPE of ACCREDITATION

of the Laboratory of

Environmental Analysis & Quality Control of the Atmosphere

of the

Laboratory of Environmental Chemistry

of the

Department of Chemistry, University of Athens

Tested materials / products	Types of test / Properties	Applied standards/ Techniques
Chemical Testing		
1. Atmospheric air	1. Determination of benzene after active and passive sampling	GC/MS-EI: ELOT EN 14662-2:2005, ELOT-EN 14662-5:2005
	2. Determination of volatile organic compounds (4) [toluene, ethylbenzene, m+p-xylene, o-xylene] after active and passive sampling	GC/MS-EI: In-house nethod C-MD-01 based on ELOT EN 14662-2:2005, ELOT-EN 14662-5:2005
	3. Determination of volatile organic compounds (4) after active and passive sampling	GC/MS-EI: In-house method C-MD-05 based on ELOT EN 14662-2:2005, ELOT-EN 14662-5:2005, HSE MDHS 96, NIOSH 1003, NIOSH 1500, NIOSH 1501
2. Atmospheric air born particulates	1. Determination of benzo[a]pyrene	GC/MS-EI: ELOT EN 15549:2008
	2. Determination of polynuclear aromatic hydrocarbons (PAHs) (12) [phenanthrene, anthracene, fluorene, pyrene, fluoranthrene, chrysene, benzo[a]anthracene, benzo[b] fluoranthrene, benzo[k]fluoranthrene, indeno [1,2,3 cd] pyrene, dibenzo[a,h]anthracene, benzo[ghi]perylene]	GC/MS-EI: In-house method C-MD-02 on ELOT EN 15549:2008

Tested materials / products	Types of test / Properties	Applied standards/ Techniques
Sampling and Physical testing		
1. Ambient air	1. Sampling and determination of PM10 or PM2.5 fraction of suspended particulates	ΕΛΟΤ EN 12341:2014

Site of assessment : **Laboratory of Environmental Chemistry, Department of Chemistry, Panepistimiopolis, Zographou, Greece.**
Approved signatories: **E. Bakeas.**

The Accreditation Certificate No. **1354,** to ELOT EN ISO / IEC 17025:2017, is valid until 25.05.2028.

Athens, 26.05.2023

Christos Nestoras
CEO of ESYD