

DAP Deutsches Akkreditierungssystem Prüfwesen GmbH

Signatory to the Multilateral Agreement of EA for Mutual Recognition
and to the Mutual Recognition Arrangement of ILAC

represented in the

Deutscher Akkreditierungsrat



Accreditation

The DAP Deutsches Akkreditierungssystem Prüfwesen GmbH herewith confirms that the

BAM Federal Institute for Materials Research and Testing

Unter den Eichen 87
12205 Berlin

with its

**Department I
Analytical Chemistry; Reference Materials**

is competent under the terms of DIN EN ISO/IEC 17025:2005 to carry out tests in the fields of

chemical investigations of steel and iron products, raw materials and by-products of steel production, non-ferrous metals and materials, refractory and building materials, glasses, ceramic products and raw materials, plastics and consumer goods; spark emission spectrometry of steel, iron and non-ferrous materials; determination of trace elements in metals, metal alloys, metal salt solutions, glasses, ceramics, plastics and refractory; determination of specific surface area, specific pore volume and pore size distribution of dispersed or compact porous solids; physical, physico-chemical and chemical testing of water, waste water, sewage sludge, sludge, sediments, solid waste, recycling materials and soils; selected methods for testing of mineral and edible oils; selected methods for determination of organic contaminants and element traces in foodstuffs and in blood serum; spectroscopic methods for structural analysis of organic and inorganic compounds; testing for ease of decontamination of radioactively contaminated surfaces; preparation, stability and homogeneity investigations of liquid and solid matrix reference materials; purity check and content determination of inorganic and organic reference standards for calibration

in accordance with the test methods listed in the annex. The annex forms part of the certificate and comprises 26 pages.

The accreditation is valid from 2009-04-27 to 2014-04-26.

DAR registration number: **DAP-PL-2614.14**

Berlin, 2009-04-27

Univ.-Prof. Dr.-Ing. habil. K. Ziegler
Managing Director
DAP Deutsches Akkreditierungssystem
Prüfwesen GmbH



DAP Deutsches Akkreditierungssystem Prüfwesen GmbH (hereinafter referred to as DAP), is signatory to the Multilateral Agreement for Testing Laboratories (MLA) of European co-operation for Accreditation (EA) and to the Mutual Recognition Arrangement (MRA) of International Laboratory Accreditation Co-operation (ILAC). For testing laboratories, EA concluded further bilateral agreements for mutual recognition.

The signatories to these agreements of the following countries mutually recognise their accreditations of testing laboratories:

Argentina – Australia – Austria – Belgium – Brazil – Canada – People's Republic of China – Costa Rica – Cuba – Czech Republic – Denmark – Egypt – Estonia – Finland – France – Germany – Greece – Guatemala – Hong Kong, China – India – Indonesia – Ireland – Israel – Italy – Japan – Republic of Korea – Latvia – Lithuania – Malaysia – Malta – Mexico – The Netherlands – New Zealand – Norway – Philippines – Poland – Portugal – Romania – Singapore – Slovakia – Slovenia – South Africa – Spain – Sweden – Switzerland – Chinese Taipei – Thailand – Turkey – Tunisia – United Kingdom – USA – Vietnam.

The up-to-date status of membership can be retrieved from the respective website:

EA - <http://www.european-accreditation.org>

ILAC - <http://www.ilac.org>

This accreditation has been awarded on the basis of an assessment and pursuant to the contract concluded with DAP with respect to the accreditation of a testing laboratory in accordance with the rules and procedures of the German Accreditation System in conformity with the Standards DIN EN ISO/IEC 17025 and DIN EN ISO/IEC 17011.

The requirements in terms of materials and personnel as specified in DIN EN ISO/IEC 17025 for the specific testing fields indicated in the accreditation certificate, as well as for the procedures described in the annex to the accreditation certificate, have been met.

Details of the scope of the accreditation (testing fields, procedures and specifications) are given in the annex to this accreditation certificate.

The annex and the documents submitted in connection with the accreditation are deemed to form an integral part of it. Any amendments are to be made in writing.

The accreditation is awarded subject to revocation at any time due to the fundamental change or lapse of any conditions defined in the agreement and in the annex to this accreditation certificate.

Accreditation certificates and annexes are not to be disseminated in any form other than the present one. The publication of extracts is subject to approval by DAP.

