Deutsche Akkreditierungsstelle GmbH

Annex to the Accreditation Certificate D-PL-21383-01-00 according to DIN EN ISO/IEC 17025:2018

Valid from: **04.08.2021**

Date of issue: 04.08.2021

Holder of certificate:

Speira GmbH
Aluminiumstraße 1, 41515 Grevenbroich

with Location:

Research & Development Bonn
Labor für chemische Untersuchungen
Georg-von-Boeselager-Straße 21, 53117 Bonn

Tests in the fields:

determination of element levels in aluminium and aluminium alloys by optical emission spectrometry and mass spectrometry

The testing laboratory is permitted, without being required to inform and obtain prior approval from DAkkS, to use standards or equivalent testing methods listed here with different issue dates. The testing laboratory maintains a current list of all testing methods within the flexible scope of accreditation.

The management system requirements of DIN EN ISO/IEC 17025 are written in the language relevant to the operations of testing laboratories. Laboratories that conform to the requirements of this standard, operate generally in accordance with the principles of DIN EN ISO 9001.

The certificate together with the annex reflects the status as indicated by the date of issue.
The current status of any given scope of accreditation may be found respectively in the database of accredited bodies of Deutsche Akkreditierungsstelle GmbH https://www.dakks.de/en/content/accredited-bodies-dakks.

Abbreviations used: see last page

DIN EN 14242 2004-12	Aluminium and aluminium alloys - Chemical analysis - Inductively coupled plasma optical emission spectral analysis (here: *added Ag, As, B, Hg, Mo, P, Sc*)
DIN EN 14726 2019-06	Aluminium and aluminium alloys - Determination of the chemical composition of aluminium and aluminium alloys by spark optical emission spectrometry
DIN EN ISO 17294-2 2017-01	Water quality - Application of inductively coupled plasma mass spectrometry (ICP-MS) - Part 2: Determination of selected elements including uranium isotopes (here: *application on digestion solutions according to DIN EN 14242*)

Abbreviations used:

DIN	German Institute for Standardization
EN	European Standard
IEC	International Electrotechnical Commission
ISO	International Organization for Standardization