

# Accreditation



The Deutsche Akkreditierungsstelle attests with this **Accreditation Certificate** that

**RJL Micro & Analytic GmbH**  
**Im Entenfang 11, 76689 Karlsdorf- Neuthard**

operates a testing laboratory that fulfills the requirements according to DIN EN ISO/IEC 17025:2018 for those conformity assessment activities specified in detail in the annex listed below. This includes additional existing legal and normative requirements for the testing laboratory including those in relevant sectoral schemes, provided that these are explicitly confirmed in the annex listed below.

**D-PL-11311-01-01     Valid from: 19.12.2025**

**D-PL-11311-01-02     Valid from: 19.12.2025**

The management system requirements of DIN EN ISO/IEC 17025 are written in the language relevant to the operations of testing laboratories and they conform to the principles of DIN EN ISO 9001.

This accreditation was issued in accordance with Art. 5 Para. 1 Sentence 2 of Regulation (EC) 765/2008, after an accreditation procedure was carried out in compliance with the minimum requirements of DIN EN ISO/IEC 17011 and on the basis of a review and decision of the appointed accreditation committees.

This accreditation certificate only applies in connection with the notice of 19.12.2025 with accreditation number D-PL-11311-01.

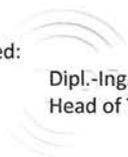
It consists of this cover sheet, the reverse side of the cover sheet and the corresponding annex.

Registration number of the accreditation certificate: **D-PL-11311-01-00**

Berlin, 19.12.2025

Dipl.-Ing. Martin Kirbach  
Head of Technical Unit

Translation issued:  
19.12.2025



Dipl.-Ing. Martin Kirbach  
Head of Technical Unit

*This accreditation certificate was issued by the Deutsche Akkreditierungsstelle GmbH (DAkkS). It is digital sealed and valid without signature. It reflects the status as indicated by the date of issue. The current status of any valid and surveyed accreditation can be found in the directory of accredited bodies maintained by Deutsche Akkreditierungsstelle GmbH ([www.dakks.de](http://www.dakks.de)).*

This document is a translation. The definitive version is the original German accreditation certificate.

See notes overleaf

# Deutsche Akkreditierungsstelle GmbH

Office Berlin  
Spittelmarkt 10  
10117 Berlin

The Deutsche Akkreditierungsstelle GmbH (DAkKS) is the entrusted national accreditation body of the Federal Republic of Germany according to § 8 section 1 AkkStelleG in conjunction with § 1 section 1 AkkStelleGBV. DAkKS is designated as the national accreditation authority by Germany according to Art. 4 Para. 4 of Regulation (EC) 765/2008 and clause 4.7 of DIN EN ISO/IEC 17000.

Pursuant to Art. 11 section 2 of Regulation (EC) 765/2008, the accreditation certificate shall be recognised as equivalent by the national authorities within the scope of this Regulation as well as by the WTO member states that have committed themselves in bilateral or multilateral mutual agreements to recognise the certificates of accreditation bodies that are members of ILAC or IAF as equivalent.

DAkKS is a signatory to the multilateral agreements for mutual recognition of the European co-operation for Accreditation (EA), International Accreditation Forum (IAF) and International Laboratory Accreditation Co-operation (ILAC).

The up-to-date state of membership can be retrieved from the following websites:

EA: [www.european-accreditation.org](http://www.european-accreditation.org)

ILAC: [www.ilac.org](http://www.ilac.org)

IAF: [www.iaf.nu](http://www.iaf.nu)

## Deutsche Akkreditierungsstelle

### Annex to the Accreditation Certificate D-PL-11311-01-01 according to DIN EN ISO/IEC 17025:2018

Valid from: 19.12.2025

Date of issue: 19.12.2025

**This annex is part of the Accreditation Certificate D-PL-11311-01-00.**

Holder of the Accreditation Certificate:

**RJL Micro & Analytic GmbH  
Im Entenfang 11, 76689 Karlsdorf- Neuthard**

with the location

**RJL Micro & Analytic GmbH  
Im Entenfang 11, 76689 Karlsdorf- Neuthard**

The testing laboratory meets the requirements of DIN EN ISO/IEC 17025:2018 to carry out the conformity assessment activities listed in this annex. The testing laboratory meets additional legal and normative requirements, if applicable, including those in relevant sectoral schemes, provided that these are explicitly confirmed below.

The management system requirements of DIN EN ISO/IEC 17025 are written in the language relevant to the operations of testing laboratories and they conform to the principles of DIN EN ISO 9001.

Tests in the fields:

**Determination into the technical cleanliness of parts and components in the automotive industry**

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Abbreviations used: see last page

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Within the indicated test areas marked with [Flex B] the testing laboratory is permitted to have the free choice from standardised or equivalent test methods without being required to prior inform and obtain approval from DAkkS.

The testing laboratory has an up-to-date list of all test methods within the flexible scope of accreditation. The list is publicly available on the website of the testing laboratory.

### Cleanliness Analysis of Components and Systems in the Area of Automotive [Flex B]

<p>ISO 16232 2018-12</p>	<p>Road vehicles - Cleanliness of components and systems <i>Chapter 6: Qualification tests and blank level</i> <i>Chapter 7: Extraction methods</i> <i>Chapter 8: Analysis filtration</i> <i>Chapter 9.2: Standard analysis</i>     9.2.2 Gravimetry     9.2.3 Light-optical analysis <i>Chapter 9.3: Extended analysis</i>     9.3.1 Further light-optical analyses     9.3.2 SEM/EDX     9.3.6 X-ray microtomography</p>
<p>VDA 19 Part 1 2015-03</p>	<p>Inspection of Technical Cleanliness - Particulate Contamination of Functionally Relevant Automotive Components <i>Chapter 5: Qualification tests and blank level</i> <i>Chapter 6: Extraction methods</i> <i>Chapter 7: Analysis filtration</i> <i>Chapter 8.2: Standard analysis</i>     8.2.2 Gravimetry     8.2.3 Light-optical analysis <i>Chapter 8.3: Extended analysis</i>     8.3.1 Further light-optical analyses     8.3.2 SEM/EDX     8.3.6 X-ray microtomography</p>

#### Abbreviations used:

DIN	German institute for standardization
EN	Europäische Norm – European Standard
IEC	International Electrotechnical Commission
ISO	International Organization for Standardisation
VDA	German Association of the Automotive Industry

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## Deutsche Akkreditierungsstelle

### Annex to the Accreditation Certificate D-PL-11311-01-02 according to DIN EN ISO/IEC 17025:2018

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The management system requirements of DIN EN ISO/IEC 17025 are written in the language relevant to the operations of testing laboratories and they conform to the principles of DIN EN ISO 9001.

Tests in the fields:

**Automatic particle analytics (number, size and chemical composition) by means of computerised SEM scanning electron microscopy and Energy-dispersive X-ray spectroscopy and EDX - element analysis of surfaces; X-ray micro tomography and digital radiography of small objects**

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**Annex to the Accreditation Certificate D-PL-11311-01-02**

**1 Automated Analysis of Particles (Number, Size and Chemical Composition) by means of Computerised Scanning Electron Microscopy (SEM) and Elemental Analysis (EDX)**

PSEM-AFA-01 Automatic SEM-EDX analysis of particles  
2006-01

**2 X-Ray Micro Computed Tomography and Digital X-Ray Imaging**

MCT-DXR Micro computed tomography analysis and digital X-ray imaging  
2014-09

**Abbreviations used:**

DIN	German Institute for Standardization
EN	European Standard
IEC	International Electrotechnical Commission
ISO	International Organization for Standardisation
PSEM-AFA	In house method of RJL Micro & Analytic GmbH
MCT-DXR	In house method of RJL Micro & Analytic GmbH

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