

Deutsche Akkreditierungsstelle GmbH

## Annex to the Accreditation Certificate D-RM-20844-01-00 according to DIN EN ISO 17034:2017

**Valid from:** 28.06.2021

**Date of issue:** 28.06.2021

Holder of certificate:

**HPC Standards GmbH**

**Am Wieseneck 7, 04451 Borsdorf OT Cunnersdorf**

Reference material production in the fields:

**Reference materials of pesticides and veterinary medical products as organic pure substances and their solutions;**

**Certified reference materials of pesticides and veterinary medical products as organic pure substances and their solutions**

**The reference material producer maintains an up-to-date list of reference materials/certified reference materials in the accredited area.**

*The management system requirements in DIN EN ISO 17034 are written in language relevant to operations of reference material producer and operate generally in accordance with the principles of DIN EN ISO 9001.*

*The certificate together with its annex reflects the status at the time of the date of issue. The current status of the scope of accreditation can be found in the database of accredited bodies of Deutsche Akkreditierungsstelle GmbH.  
<https://www.dakks.de/en/content/accredited-bodies-dakks>*

Abbreviations used: see last page

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

**Annex to the accreditation certificate D-RM-20844-01-00**

**1 Reference materials of pesticides and veterinary medical products as organic pure substances**

| Product             | Characteristic | Range | Approach to characterization |
|---------------------|----------------|-------|------------------------------|
| Pesticides          | Purity         | >90 % | b)                           |
| Veterinary Products | Purity         | >90 % | b)                           |

**2 Reference materials of pesticides and veterinary products in the form of solutions of organic pure substances**

| Product             | Characteristic | Range                   | Approach to characterization |
|---------------------|----------------|-------------------------|------------------------------|
| Pesticides          | Purity         | 0,1 µg/ml - 10000 µg/ml | e)                           |
| Veterinary Products | Purity         | 0,1 µg/ml - 10000 µg/ml | e)                           |

**3 Certified reference materials of pesticides and veterinary medical products as solutions of organic pure substances**

| Product             | Characteristic | Range                   | Approach to characterization |
|---------------------|----------------|-------------------------|------------------------------|
| Pesticides          | Purity         | 0,1 µg/ml - 10000 µg/ml | e)                           |
| Veterinary Products | Purity         | 0,1 µg/ml - 10000 µg/ml | e)                           |

**4 Certified reference materials of pesticides and veterinary medical products as organic pure substances**

| Product             | Characteristic | Range | Approach to characterization |
|---------------------|----------------|-------|------------------------------|
| Pesticides          | Purity         | >90 % | b)                           |
| Veterinary Products | Purity         | >90 % | b)                           |

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b) characterization of a non-operationally defined measurand using two or more methods of demonstrable accuracy in one or more competent laboratories according to ISO 17034 para. 7.12.3 note 1b).

e) characterization based on mass or volume of ingredients used in the preparation of the RM according to ISO 17034 para. 7.12.3 note 1e).

**Abbreviations used:**

|     |                                                |
|-----|------------------------------------------------|
| DIN | Deutsches Institut für Normung e.V.            |
| EN  | European Norm                                  |
| ISO | International Organisation for Standardisation |