

Deutsche Akkreditierungsstelle

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

Valid from: 07.10.2024

Date of issue: 07.10.2024

Holder of accreditation certificate:

HPC Standards GmbH
Am Wieseneck 7, 04451 Borsdorf OT Cunnersdorf

with the location

HPC Standards GmbH
Am Wieseneck 7, 04451 Borsdorf OT Cunnersdorf

The reference material producer meets the requirements of DIN EN ISO 17034:2017 to carry out the conformity assessment activities listed in this annex. The reference material producer 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 17034 are written in the language relevant to the operations of reference material producers and they conform to the principles of DIN EN ISO 9001.

Reference material production in the fields:

Reference materials in the form of organic pure substances, their salts and their solutions;
Certified reference materials in the form of organic pure substances, their salts and their solutions

For the cells marked with *, the reference material manufacturer is permitted to include reference materials/certified reference materials within the specified product groups in the scope of accreditation without having to inform and obtain prior approval from DAkKS. The reference material manufacturer maintains an up-to-date list of reference materials/certified reference materials in the accredited scope.

This certificate annex is only valid together with the written accreditation certificate and reflects the status as indicated by the date of issue. The current status of any given scope of accreditation can be found in the directory of accredited bodies maintained by Deutsche Akkreditierungsstelle GmbH at <https://www.dakks.de>.

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.

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1 Reference materials in the form of organic pure substances and their salts

Product	Characteristic	Range	Approach to characterization
Organic pure substances and their salts*	Purity	>50 %	b)

2 Reference materials in the form of solutions of pure organic substances and their salts

Product	Characteristic	Range	Approach to characterization
Organic pure substances in the form of single component solution*	Mass concentration	0,1 µg/ml - 10000 µg/ml	e)

3 Certified reference materials in the form of solutions of pure organic substances and their salts

Product	Characteristic	Range	Approach to characterization
Organic pure substances in the form of single component solution*	Concentration	0,1 µg/ml - 10000 µg/ml	e)

4 Certified reference materials in the form of pure organic substances and their salts

Product	Characteristic	Range	Approach to characterization
Organic pure substances*	Purity	>50 %	a)

a) Application of a single reference measurement procedure (as defined in ISO/IEC Guide 99) in a single laboratory according to DIN EN ISO 17034 section 7.12.3 note 1a).

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).

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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	German institute for standardization
EN	European Standard
IEC	International Electrotechnical Commission
ISO	International Organization for Standardisation

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