

Deutsche Akkreditierungsstelle

Annex to the Accreditation Certificate D-EP-20469-01-00 according to DIN EN ISO/IEC 17043:2010

Valid from: 08.11.2023

Date of issue: 08.11.2023

Holder of accreditation certificate:

muva kempten GmbH
Ignaz-Kiechle-Straße 20-22, 87437 Kempten

with the location

muva kempten GmbH
Ignaz-Kiechle-Straße 20-22, 87437 Kempten

The proficiency testing provider meets the requirements of DIN EN ISO/IEC 17043:2010 to carry out the conformity assessment activities listed in this annex. The proficiency testing provider 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 17043 are written in the language relevant to the operations of proficiency testing providers and they conform to the principles of DIN EN ISO 9001.

Proficiency testing in the fields:

physical, physical-chemical, chemical, sensory and microbiological analysis of food;
sensory analysis of packaging materials

The Proficiency Testing Provider maintains a current list of all proficiency tests in the field of accreditation.

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

Page 1 of 4

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

1 Proficiency testing in the fields of physical, physical-chemical, chemical, sensory and microbiological analysis of food

Testing Field	Products/Objects of Investigation/Matrix	Property / Testing Parameter	Proficiency Testing Scheme	
Physical, physical-chemical and chemical testing	Food	Main components, Minor components, Additives, Minerals, trace elements, Residues, Chemical-physical properties	Type	Description
			A	Milk
			AL	Milk, lactose-red.
			AM	Aflatoxin M1 in Milk
			B	Milk Powder
			C	Processed Cheese
			D	Cream
			E	Evaporated Milk / Coffee Cream
			F	Cream Cheese
			FM	Fatty Acid Distribution
			FS	Fruit Juice
			G	Whey Powder
			H	Butter
			K	Raw Milk
			L	Yoghurt
			N	Chocolate
			P	Caseinates / Whey Protein Concentrate
			S	Canned Sausage
			T	Carbohydrates / Vitamins
			U	Minerals, Trace Elements
			V	Cheese
			VP	Alkal. Phosphatase
			VS	Vegan Spread
			VD	Plant Based Drink
			HST1	Veterinary Drugs, quantitative
			HST2	Veterinary Drugs, qualitative

Testing Field	Products/Objects of Investigation/Matrix	Property / Testing Parameter	Proficiency Testing Scheme	
Sensory testing	Food	ISO 22935 assessment, ranking test, triangle test, intensity test, pairwise comparison test, sensory profile, attribute detection	Type SeDLG Se SeA SeRF SeD SeDA SeDW SeS SeO1 SeO2 SeP SeTW	Description Sensory testing according to DIN EN ISO 22935 Rank Order Taste Rank Order Odour Rank Order in Sausage Triangle Test Taste Triangle Test Odour Triangle Test Taste in Sausages Sensory four Senses Cold Pressed, Virgin Rapeseed Oil Frying Fat Profile Testing Drinking Water TON/TFN acc. to DIN EN 1622
Microbiological testing	Food	Colony Count of Microorganisms of the Risk Group R1	Type OK OH OHS OEC OEE OST	Description Total Bacterial Count Yeasts Yeasts, Geotrichum E.coli, Coliforms, Enterobacteriaceae E.coli, Enterobacteriaceae Staphylococcus
Microbiological testing	Food	Colony Count of Microorganisms of the Risk Group R2	Typ OEE OEC OST	Description E.coli, Enterobacteriaceae E.coli, Coliforms, Enterobacteriaceae Staphylococcus

2 Proficiency testing in the field of sensory analysis of packaging materials

Testing Field	Products/Objects of Investigation/Matrix	Property / Testing Parameter	Proficiency Testing Scheme	
Sensory testing	Packaging Materials	Intensity test after sample preparation, triangular test	Type SEV	Description Packaging Material

Abbreviations used:

DIN	Deutsches Institut für Normung e.V.
EN	European Norm
IEC	International Electrotechnical Commission
ISO	International Organization for Standardization