

Annex to declaration of accreditation (scope of accreditation)
Normative document: EN ISO/IEC 17043:2010
Registration number: **R 002**

of **Wageningen University
Wepal**

This annex is valid from: **16-04-2020** to **01-05-2024**

Replaces annex dated: **24-04-2019**

Location(s) where activities are performed under accreditation

Head Office

Bornsesteeg 10
6721 NG
Bennekom
The Netherlands

Location	Abbreviation/ location code
Bornsesteeg 10 6721 NG Bennekom The Netherlands	BNK

Nr. / HCS code	Material, product or device	Type of activity (parameter)	Concentration range / Measuring range	Frequency	Location
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Flexibele scope¹

IPE, International Plant-analytical Exchange Programme

1	Plants, Vegetables, Shrubs, Trees, Leaves	Inorganic chemical composition Nutrients, Major and trace elements	Samples as found in practice	4 periods/ year 4 samples/ period	BNK
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¹ The laboratory holds an up-to-date list of all the performance tests carried out under the flexible scope.

This annex has been approved by the Board of the
Dutch Accreditation Council, on its behalf,

J.A.W.M. de Haas

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Nr. / HCS code	Material, product or device	Type of activity (parameter)	Concentration range / Measuring range	Frequency	Location
2	Plants, Vegetables, Shrubs, Trees, Leaves	Real total inorganic chemical composition Elementary analysis Elements including silicates	Samples as found in practice	4 periods/ year 4 samples/ period	BNK
3		Acid extractable inorganic chemical composition (So called totals) Elements excluding silicates			
4		Nutritional values			
5		Other determinations Stable Isotope Ratios			

ISE, International Soil-analytical Exchange Programme

6	Soils	Real total inorganic chemical composition Major and trace elements	Samples as found in practice	4 periods/ year 4 samples/ period	BNK
7		Acid extractable inorganic chemical composition (So-called totals) Major and trace elements			
8		Aqua regia (ISO 11466) Major and trace elements			
9		Extraction with boiling 2M HNO ₃ Available trace metals			
10		Extraction with 0,1 M NaNO ₃ Available trace metals			

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Nr. / HCS code	Material, product or device	Type of activity (parameter)	Concentration range / Measuring range	Frequency	Location
11	Soils	Extraction with 0,01 M CaCl ₂ Available nutrients	Samples as found in practice	4 periods/ year 4 samples/ period	BNK
12		Soil characteristics Particle size distribution, pH, Inorg. and Org. C, Conductivity			
13		Other determinations: Moisture content CN detn., stable isotope ratios, additional extractions			
14		Pot. CEC and base saturation using 1M NH ₄ -acetate at pH=7			
15		Mehlich-3 Major and trace elements			
16		Extraction with 0.01M CaCl ₂ – 0.005M DTPA 1:10 (w/v) Micro nutrients			
17		Phosphor related analysis			
18	Soils	UK soil methods	Samples as found in practice	4 periods/ year 4 samples/ period	BNK
19		Extraction with 1M KCl			
20	Soils	Pot. CEC using cobalthexamine (AFNOR NFX 31 130)	Samples as found in practice	4 periods/ year 4 samples / period	BNK

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Proficiency tests, sector SETOC Sediment Ex, International change for Tests on Organic Contaminants

21	Sediment	Polycyclic aromatic hydrocarbons	Samples as found in practice	4 periods/ year 4 samples/ period	BNK
22		Poly chloro biphenyls			
23		Organo chlorine pesticides			
24		Other determinations CN fractions Organic and inorganic C Halogenated hydrocarbons Mineral Oil			
25		Aqua regia inorganic chemical composition Major and trace elements			

Sample Exchange MARSEP, Manure and Refuse Programme

26	Compost, Sewage sludge, Organic manure	Acid extractable inorganic chemical composition (So-called totals) Major and trace elements	Samples as found in practice	4 periods/ year 4 samples/ period	BNK
27		Other determinations: Halogenated hydrocarbons, LOI			

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BIMEP, International Biomass Exchange Program

28	Biomass, Secondary fuels	Proximate analysis	Samples as found in practice	4 periods/ year	BNK
29		Elementary analysis		4 samples/ period	

Aquatic Exchange Programmes

30	Seawater	Nutrients	Samples as found in practice and Spiked samples	2 periods/ year	BNK
31	Estuarine, Seawater	Nutrients		3 samples/ period	
32	Seawater	Metals	Spiked samples		
33	Seawater	Chlorophyll		2 periods/ year	BNK
				2 samples/ period	
34	Seawater	DOC	Spiked samples	2 periods / year	
				4 samples / period	

Biota Exchange Programmes

35	Fish, Shellfish	Trace metals	Samples as found in practice	2 periods/ year	BNK
36		Chlorinated Organics		2 samples/ period	
37		Polycyclic Aromatic Hydrocarbons			
38		ASP Toxins			
39		Brominated Flame Retardants			

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40	Shellfish and Solution	Lipophilic shellfish toxins	Samples as found in practice	2 periods/ year 4 samples/ period	BNK
41		PSP shellfish toxins		1 periods/ year 4 samples/ period	

Marine Sediment Exchange Programmes

42	Sediments	Metals, organic and inorganic C	Samples as found in practice	2 periods/ year 2 samples/ period	BNK
43		Chlorinated Organics			
44		Polycyclic Aromatic Hydrocarbons			
45		Brominated Flame Retardants			