

of **Douane Laboratorium**

This annex is valid from: **19-10-2022** to **01-12-2023**

Replaces annex dated: **31-08-2022**

**Location(s) where activities are performed under accreditation**

**Head Office**

Kingsfordweg 1  
1043 GN  
Amsterdam  
The Netherlands

<b>Location</b>	<b>Abbreviation/ location code</b>
Kingsfordweg 1 1043 GN Amsterdam The Netherlands	AMS

<b>No.</b>	<b>Material or product</b>	<b>Type of activity<sup>1</sup></b>	<b>Internal reference number</b>	<b>Location</b>
<b>Gravimetry</b>				
1.	Animal feed, gluten and corn products	Determination of fat content; gravimetry	VETEXTR Regulation (EG) 152/2009 Annex III part H	AMS
2.	Grain products	Determination of moisture content; gravimetry	VOCHT130 Corn products: ISO 6540 Other cereals: ISO 712	AMS
3.	Ceramics	Determination of the coefficient of water absorption; gravimetry	ABSCOBROK Regulation (EEG) 679/72	AMS

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

J.A.W.M. de Haas

<sup>1</sup> If there is a referral to a code starting with NAW, NAP, EA or IAF, this concerns a scheme mentioned on [RvA-BR010-lijst](#).  
If no date or version number is mentioned for a normative document, the accreditation concerns the most current version of the document or scheme.

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4.	Food products	Determination of fat content with sour hydrolyse; gravimetry	VETKLASS Schweizerisches Lebensmittel Buch Grain- and flour products: chapter 14 (1994) Bakers' wares: chapter 16 (1974) Jelly(powder): chapter 19 (1975) Feed additives: chapter 22 (1991) Sugar products: chapter 24 (1976) Cocoa products: chapter 36 (1992)	AMS
5.	(Concentrated) milk products	Determination of fat content; gravimetry	VETRG Milk: ISO 1211 Milk powder and whey powder: ISO 1736 Conc. milk: ISO 1737 Cream: ISO 2450 Ice(mix): ISO 7328 Infant formula: ISO 8381	AMS
6.	Not volatile organic products and not volatile, not metallic inorganic products	Determination of mass reduction, carbon content and residue content; thermogravimetry	TGA in house method	AMS
7.	Shoes	Determination of the area percentage of the upper part; gravimetry	SCHOENKWAN in house method	AMS
8.	Solids, liquids and paste	Determination of the amount of product; gravimetry	HOVEEL_X in house method	AMS
9.	Fruit products	Determination of ash content; gravimetry	ASGEHALTE in house method	AMS

#### Microscopy

10.	Paper	Determination of the type of fiber; microscopy	MICROPAP in house method	AMS
11.	Textile	Determination of the type of fiber; microscopy	WEEFMICRO in house method	AMS
12.	Plant material including joints	Detection of the presence from hemp and cannabis resin; microscopy	HENNEPHARS in house method	AMS

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<b>Spectrometric</b>				
13.	Motor fuels	Determination of total sulphur content; spectrometry fluorescence	ZWAVEL-UVF ISO 20846	AMS
14.	Polyvinylchloride (PVC)	Determination of cadmium content; spectrometry XRF	CDXRF in house method	AMS
15.	Food products	Determination of the refractometer value; spectrometry refraction	BREK_INDEX Regulation (EU) 974/2014	AMS
16.	Metallic products from iron and steel	Determination of carbon content; spectrometry IR	KOOLSTOF in house method	AMS
17.	Organic-chemical material and not metallic inorganic material	Identification and verification of products; spectrometry FTIR	IRALG in house method	AMS
18.	Fuel oil	Determination of the content of total sulphur; spectrometry fluorescence	ZWA-UVF-BOOT in house method	AMS
19.	Textile	Determination of and/or identification of the type of fiber; spectrometry FTIR	WEEFIR in house method	AMS
20.	Pure organic substances, mixtures of organic substances	Detection of organic substances in solution; spectrometry IT-MS	DLI-MS in house method	AMS
21.	Animal feed	Determination of starch content; polarimetry	ZMEA(DS)(130) Regulation (EG) 152/2009 Annex III part L	AMS
22.	Animal feed ingredients, grain products and native starches	Determination of starch content; polarimetry	ZMEA(DS)(130) in house method (effectuation: Regulation (EG) 152/2009 Annex III part L)	AMS
23.	Inorganic products, urea and mixtures of inorganic products	Determination of the identity; X-ray diffraction	XRDALG in house method	AMS

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<b>Gaschromatografie</b>				
24.	Alcohol products	Determination of ethanol, propanol-2 and propanol-1 content; GC-FID	ALC_GC0 in house method	AMS
25.		Determination of ethanol content; GC-FID	ETHANOLGC in house method	AMS
26.	Alcohol products	Determination of fusil oil content; GC-FID	FOEZEL in house method	AMS
27.	Animal and vegetable oils and fats	Determination of and/or identification of fatty acid composition of fat fractions; GC-FID	VETZIS/ VETZISKORT/ VETZBOTER Analysis: ISO 5508:1990 Transesterification: ISO 5509:2000 method 5	AMS
28.		Determination of and/or identification of fatty acid composition of fat fractions; GC-FID	VETZVET Analysis: ISO 12966-4 Transesterification: ISO 12966-2, method 5.4	AMS
29.	Mineral oil and oil products	Determination of the distillation range of non-high-boiling mineral oil products; GC-FID	SIMDISASTM in house method	AMS
30.		Determination of the distillation range of high-boiling mineral oil products; GC-FID	SIMDISTSMS SMS 2551-86T	AMS
31.	Powders, liquids and paste	Determination of the amount of cocaine; GC-FID	DRUGSKWANT in house method	AMS
<b>HPLC</b>				
32.	Alcohol products	Determination of glycerol content; HPLC-RI	WIJN_SI in house method	AMS
33.	Gas oil and petroleum	Determination of Solvent Yellow 124 (Euromarker) content; HPLC-UV	SY124HPLC in house method	AMS
34.	Food products	Determination of fructose, glucose, saccharose and lactose; HPLC-RI	SUIKER_SI in house method	AMS

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35.	Food products	Determination of starch/glucose content; HPLC-RI	ZETMGLUC Regulation (EU) 118/2010	AMS

**Physical characteristics**

36.	Alcohol products	Determination of alcohol content; distillation and density measurement	ALKAUTO1/ALKLAS in house method	AMS
37.	Alcohol products and petroleum products	Determination of the density; electronic density measurement	DICHTPAAR Alcohol products: in house method Petroleum products: ISO 12185	AMS
38.	Alcohol products	Determination of extract content; distillation and density measurement	STAMWWAREN Uitvoeringsregeling Accijns, Annex B	AMS
39.	Films	Determination of thickness; micrometer	FOLIEDIKTE in house method	AMS
40.	Ceramics	Determination of the type of ceramics of homogeneous products; physically	KERAMIEK Regulation (EEG) 679/72	AMS
41.	Mineral oil and oil products	Determination of water content; distillation	WATERDEST ASTM D95	AMS
42.	Rice	Determination of the average width and the length/width ration from rice grains; micrometer	RIJSTLBB Regulation (EU) 1308/2013 Annex II part I	AMS
43.		Determination of the level of fracture; micrometer	RIJSTLBB Regulation (EU) 1308/2013 Annex II part I	AMS
44.		Determination of the average length from rice grains; micrometer	RIJSTLBB Regulation (EU) 1308/2013 Annex II part I	AMS

**Titrimetry**

45.	Animal and vegetable oils and fats	Determination of free fatty acids content with potassium hydroxide in cold solvent; titrimetry	FFA ISO 660	AMS
46.	Animal feed, cereals and food products (other than meat or dairy)	Determination of nitrogen content and calculation of protein content; titrimetry	EIWITLB Animal feed: ISO 5983-2 Cereals: ISO 20483 Food products: in house method	AMS

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47.	Meat and meat products	Determination of chloride content; potentiometry	CLVLEES ISO 1841-2	AMS
48.	Meat and meat products	Determination of nitrogen content; titrimetry	EIWITVLEES NEN-ISO 937	AMS
49.	Dairy products and dairy containing products	Determination of nitrogen content and calculation of protein content; titrimetry	EIWITZUI Milk and milk products: ISO 8968-1 Other dairy containing products: in house method	AMS
<b>Various</b>				
50.	Mineral oil and oil products	Determination of organic halogen compounds content (calculated as chlorine); microcoulometry	CL-COULNEN NEN-EN 14077	AMS
51.	Not colored or light-colored powders, -tablets, -pasta and -solutions	Detection of the presence of narcotic drugs and drugsprecursors; color reactions	DRUGSKLEUR Rapid testing methods of drugs of abuse; manual for use by national lawenforcement and narcotics laboratory personnel United Nations	AMS
52.	Rubbers, plastics and organic substances	Detection of the presence of sulphur; color reaction	ZWAVEL in house method	AMS
<b>Flexible scope<sup>2</sup></b>				
53.	Powders, tablets, paste, vegetable material, impregnated material and solutions	Detection of narcotic drugs; GC-MS	GCMSDRUGS1 in house method	AMS
54.	Solid and liquid chemical materials	Identification and verification organic substances; hand held RAMAN spectrometry	RAMAN-ORG2 in house method	AMS

<sup>2</sup> This flexible scope requires the laboratory to maintain a current list of the methods applied under this flexible scope.