

Annex to declaration of accreditation (scope of accreditation)
Normative document: EN ISO/IEC 17025:2017
Registration number: **L 584**

of **Darling Ingredients Nederland B.V.**
Centraal Laboratorium ERS

This annex is valid from: **30-08-2023** to **01-08-2026**

Replaces annex dated: **05-07-2023**

Location(s) where activities are performed under accreditation

Head Office

Kanaaldijk Noord 20-21
5691 NM
Son en Breugel
The Netherlands

Location	Abbreviation/ location code
Kanaaldijk Noord 20-21 5691 NM Son en Breugel The Netherlands	S

No.	Material or product	Type of activity¹	Internal reference number	Location
Chemical analyses				
1	Animal (by)products and protein-based products produced from them	Determination of the nitrogen content and the corresponding calculation of the crude protein content; Kjeldahl method	W-ERSCL-10004 in-house method	S
2		Determination of the moisture content (4 hours 103°C); gravimetry	W-ERSCL-10003 in-house method	S
3		Determination of the crude ash content (550°C); gravimetry	W-ERSCL-10016 in house method	S
4		Determination of the crude fat content after petroleum ether extraction; gravimetry	W-ERSCL-10017 in house method	S

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

J.A.W.M. de Haas

¹ If there is a referral to a code starting with NAW, NAP, EA or IAF, this concerns a scheme mentioned on the [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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No.	Material or product	Type of activity ¹	Internal reference number	Location
5	Meal products produced from animal (by)products	Determination of the water soluble chloride content; potentiometry	W-ERSCL-10028 in house method	S
6	Animal fats and fatty acids	Determination of the free fatty acids [FFA] content; titrimetry	W-ERSCL-10082 in house method	S
7		Determination of the water and volatile matter content; gravimetry	W-ERSCL-10024 in house method	S
8		Determination of the insoluble impurities content; gravimetry	W-ERSCL-10002 in house method	S
9	Animal fats and Meal products produced out of animal (by)products	Determination of the peroxide value; titrimetry	W-ERSCL-10027 in house method	S
10	Meal products produced out of animal (by)products	Determination of the soluble nitrogen content after treatment with pepsin in dilute hydrochloric acid [pepsin HCL digestibility content]; Kjeldahl method	W-ERSCL-10018 in house method	S
11	Protein-based products produced out of animal (by)products	Determination of the phosphor content; UV-VIS spectrometry	W-ERSCL-10026 in house method	S
12	Refined animal fats	Determination of the water content; Karl Fisher method; coulometric titrimetry	W-ERSCL-10051 in house method	S
13	Animal fats and fatty acids	Determination of the nitrogen content; chemiluminescence	W-ERSCL-10170 in house method	S
14	Effluent waste water	Determination of the chemical oxygen demand; spectrophotometry	W-ERSCL-10169 in house method	S
15	Effluent waste water	Determination of the chloride content; spectrophotometry	W-ERSCL-10169 in house method	S
16	Effluent waste water	Determination of the nitrite content; spectrophotometry	W-ERSCL-10169 in house method	S

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17	Effluent waste water	Determination of the nitrate content; spectrophotometry	W-ERSCL-10169 in house method	S
18	Effluent waste water	Determination of the ammonium nitrogen content; spectrophotometry	W-ERSCL-10169 in house method	S
19	Effluent waste water	Determination of the nitrogen content; spectrophotometry	W-ERSCL-10169 in house method	S
20	Effluent waste water	Determination of the phosphate content; spectrophotometry	W-ERSCL-10169 in house method	S
21	Effluent waste water	Determination of the sulfate content; spectrophotometry	W-ERSCL-10182 in house method	S

Microbiological analyses

22	Animal (by)products and protein-based products and fats produced from them; Phosphate-rich products produced out of manure	Detection of Salmonella spp; detection real time PCR	W-ERSCL-10059 ISO 6579-1 (AFNOR BIO 12/38-06/16)	S
23	Animal (by)products and protein-based products and fats produced from them	Detection of Salmonella spp; real time PCR	W-ERSCL-10059 ISO 6579-1 (AFNOR GEN 25/05-11/08)	S
24		Enumeration of aerobic mesophilic micro-organisms at 30°C; colony-count technique	W-ERSCL-10066 ISO 4833-1 (AFNOR 3M 01/01-09/89)	S
25		Enumeration of Enterobacteriaceae; colony-count technique	W-ERSCL-10068 ISO 21528-2 (AFNOR 3M 01/06-09/97)	S
26	Animal (by)products and protein-based products and fats produced from them	Enumeration of Escherichia coli; colony-count technique	W-ERSCL-10069 ISO 16649-2 (AFNOR 3M 01/08-06/01)	S

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No.	Material or product	Type of activity ¹	Internal reference number	Location
27	Protein-based products produced out of animal (by)products	Determination of Clostridium perfringens; accumulation and detection with real-time PCR	W-ERSCL-10064 in house method	S
28	Protein-based products produced out of animal (by)products	Enumeration of Clostridium perfringens; horizontal colony-count technique and confirmation real-time PCR	W-ERSCL-10063 colony count: ISO 7937 confirmation: in house method	S
29	Protein-based products produced out of animal (by)products	Enumeration of Coliforms; colony-count technique	W-ERSCL-10174 ISO 4832 (AFNOR 3M 01/02-09/89A)	S
30	Protein-based products produced out of animal (by)products	Enumeration of Sulphite-reducing Clostridia; colony-count technique	W-ERSCL-10085 ISO 15213	S

Species identification method

31	Animal (by)products and protein-based products produced from them	Detection of ruminant DNA; real-time PCR	W-ERSCL-10009 EURL-AP Standard Operating Procedure as mentioned in Commission Regulation (EU) No 51/2013	S
32	Crude heparin	Detection of ruminant DNA; extraction and real-time PCR	W-ERSCL-10154 extraction: FDA method for DNA extraction in crude heparin as mentioned in UCM350289 W-ERSCL-10009 detection: in house method	S
33	Animal (by)products and protein-based products produced from them	Detection of $\geq 0.1\%$ ruminant DNA; real-time PCR	W-ERSCL-10009 extraction and analysis: EURL-AP Standard Operating Procedure as mentioned in Commission Regulation (EU) No 51/2013 interpretation of results: in-house method	S
34	Animal (by)products and protein-based products produced from them	Detection of porcine material; real time PCR	W-ERSCL-10156 EURL-AP Standard Operating Procedure as mentioned in Commission Regulation (EU) No 51/2013	S

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35	Crude heparin	Detection of porcine material; extraction and real-time PCR	W-ERSCL-10154 extraction: FDA method for DNA extraction in crude heparin as mentioned in UCM350289 W-ERSCL-10156 detection: in house method	S
36	Animal (by)products and protein-based products produced from them	Detection of poultry material; real time PCR	W-ERSCL-10157 EURL-AP Standard Operating Procedure as mentioned in Commission Regulation (EU) No 51/2013	S