[redacted]

9 June 2026	CERTIFICATE OF ANALYSIS
[redacted] Recipe [redacted]	Goat Full Cream Colostrum Powder, 22% IgG

Product description	Goat Full Cream Colostrum Powder, 22% IgG
Supplier	[redacted]
Address	
Batch number	700242605261
Production date	26 May 2026
Expiry date	26 May 2028

1. Physico-chemical and compositional test results

Parameter	Method	Protocol number	Result
pH after solution	SOP-CH-IM-No1	5782/26	6.31
Impurity	CH-IM - No 5	5782/26	<5 mg/kg
Dry matter	SOP-CH-IM-No16	5782/26	97.58%
Moisture	SOP-CH-IM-No16	5782/26	2.42%
Protein	SOP-CH-IM-No36	5782/26	43.36 g/100g
Salt	SOP-CH-IM-No36	5782/26	1.34 g/100g
Fat	SOP-CH-IM-No15	5782/26	31.17 g/100g
Saturated fatty acids	SOP-CH-IM-No42	5782/26	17.29 g/100g
Saccharides	SOP-CH-IM-No39	5782/26	18.69 g/100g
Sugars	SOP-CH-IM-No39	5782/26	16.11 g/100g
Nitrites	SOP-CH-IM-No13	3954/25	1.3 mg/kg
Nitrates	SOP-CH-IM-No18	2959/23	0.6 mg/kg
Lead	SOP-CH-IM-No26	477/22	0.047 mg/kg
Chromium	SOP-CH-IM-No26	477/22	0.096 mg/kg
Arsenic	SOP-CH-IM-No26	477/22	0.023 mg/kg
Aflatoxin M1	SOP-8.37	477/22	<0.005 µg/kg
Total IgG	HPLC	rp/08/06/2026	23.09 g/100g
Hexestrol	SOP 85/D	2355/2020	Not detected
Dienestrol	SOP 85/D	2355/2020	Not detected
Diethylstilbestrol	SOP 85/D	2355/2020	Not detected
Medroxyprogesterone	SOP 91	2355/2020	Not detected
Progesterone	SOP 91	2355/2020	Not detected
Benzestrol	SOP 85/D	2355/2020	Not detected
Bovine DNA	RID	5782/26	Not detected
Antibiotic residues	SOP-M-IM-No3	5782/26	Not detected
Sensory analysis	SOP-S-IM-No2	5782/26	A

[redacted]

2. Microbiological test results

Parameter	Method	Protocol number	Result
Aerobic total germ count	ISO 4833-1	GIN 2103065	6 x 10^2 CFU/g
Coliforms	ISO 4832	GIN 2103065	<1 CFU/g
Coagulase-positive Staphylococci	ISO 6888-1	GIN 2103065	<1 x 10^1 CFU/g
Staphylococcus aureus	FDA BAM 1	GIN 2103065	<1 x 10^1 CFU/g
Salmonella in 25g	GENE-UP	GIN 2103065	Negative in 25g
Listeria sp. in 25g	GENE-UP	GIN 2103065	Negative in 25g
Bacillus cereus	ISO 7932	GIN 2103065	Not detected
Cronobacter spp.	ISO 22964	GIN 2103065	Not detected

3. Statement

The above results apply exclusively to batch 700242605261. The product complies with the applicable product specification for Goat Full Cream Colostrum Powder, 22% IgG.

Issued by:

[redacted]

AGROLAB LUFA GmbH

Dr.-Hell-Str. 6, 24107 Kiel, Germany
www.agrolab.de

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AGROLAB LUFA GmbH, Dr.-Hell-Str. 6, 24107 Kiel

Kundennr.: [redacted]

RoRoh GmbH
Grubenweg 4 b
82327 Tutzing

PRÜFBERICHT

Datum: 05.08.2026

Auftrag	3832709
Analysennummer	228372
Kunden-Probenbezeichnung	Ziegencolostrum
Probeneingang	30.07.2026
Probenahme	18.07.2026
LOT-Nr./Charge	5001
Untersuchungsdatum	30.07.2026
Verpackung	1x Alusachet

Schwermetalle

Parameter	Einheit	Ergebnis	Substanz	Methode
Blei (Pb)	mg/kg	<0,005[1)]	OS	DIN EN 15763 : 2010-04
Cadmium (Cd)	mg/kg	<0,010[1)]	OS	DIN EN 15763 : 2010-04
Quecksilber (Hg)	mg/kg	<0,010[1)]	OS	DIN EN 13806 : 2002-11
Arsen (As)	mg/kg	<0,010[1)]	OS	DIN EN 15763 : 2010-04

Nährwerte/Inhaltsstoffe

Parameter	Einheit	Ergebnis	Substanz	Methode
Rohprotein (Nx6,25)*)	%	39,1	OS	VO (EG) 152/2009, III, C, konsolidierte Fassung : 2024-04

Tierarten-Nachweis

Parameter	Einheit	Ergebnis	Substanz	Methode
Tierartentest Rind (PCR)[2)]		nicht nachgewiesen	OS	MP-03455-DE : 2024-05 (real-time PCR)

[1)] Erläuterung: Das Zeichen "<" oder n.b. in der Spalte Ergebnis bedeutet, der betreffende Stoff ist bei nebenstehender Bestimmungsgrenze nicht quantifizierbar.
[2)] **Anmerkung zum Parameter Tierartentest Rind (PCR):**
Die Nachweisgrenze dieser Untersuchung beträgt 0,5 ppm Rind.Es ist eine Kreuzreaktion zu Wasserbüffel (30 ppm) bekannt.
Erläuterung: Substanz: OS=Originalsubstanz, TS=Trockensubstanz

Sofern nicht anders angegeben, basiert die Berechnung der Messunsicherheiten in der folgenden Tabelle auf dem GUM (Guide to the expression of uncertainty in measurement, BIPM, IEC, IFCC, ISO, IUPAC, IUPAP und OIML, 2008) und dem Nordtest Report (Handbook for calculation of measurement uncertainty in environmental laboratories (TR 537 (ed. 4) 2017). Es handelt sich also um einen sehr zuverlässigen Wert mit einem Vertrauensniveau von 95% (Konfidenzintervall). Abweichungen hiervon sind als Eintrag in der Spalte "Abweichende Bestimmungsmethode" gekennzeichnet.

Parameter	Analytische Messunsicherheit
Rohprotein (Nx6,25)*)	4%

Die in diesem Dokument berichteten Verfahren sind gemäß DIN EN ISO/IEC 17025:2018 akkreditiert. Ausschließlich nicht akkreditierte Verfahren sind mit dem Symbol *) gekennzeichnet.

AG Kiel
HRB 5796
Ust./VAT-ID-Nr:
DE 813 356 511

[redacted]

ilac-MRA DAkkS Deutsche Akkreditierungsstelle D-PL-14082-01-00

DOC-12-2248186-DE-P1

AGROLAB LUFA GmbH

Dr.-Hell-Str. 6, 24107 Kiel, Germany
www.agrolab.de

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PRÜFBERICHT

Datum: 05.08.2026

Auftrag	3832709
Analysennummer	228372

Beginn der Prüfung: 30.07.2026
Ende der Prüfung: 04.08.2026

Die Ergebnisse beziehen sich ausschließlich auf die geprüften Gegenstände. In Fällen, wo das Prüflabor nicht für die Probenahme verantwortlich war, gelten die berichteten Ergebnisse für die Proben wie erhalten. Das Laboratorium ist nicht für die vom Kunden bereitgestellten Informationen verantwortlich. Die ggf. im vorliegenden Prüfbericht dargestellten Kundeninformationen unterliegen nicht der Akkreditierung des Laboratoriums und können sich auf die Validität der Prüfergebnisse auswirken. Die auszugsweise Vervielfältigung des Berichts ohne unsere schriftliche Genehmigung ist nicht zulässig.

Bei der Konformitätsbewertung wird als Entscheidungsregel der wirtschaftliche Ansatz angewendet (eine Nichtkonformität liegt vor, wenn das Messergebnis inklusive Messunsicherheit oberhalb der Spezifikation oder Norm liegt), soweit durch entsprechende gesetzliche oder normative Grundlagen nichts anderes festgelegt wurde.

AGROLAB LUFA GmbH, Service-Team L2, Tel. [redacted]
Email: [redacted]
Gruppenleitung: [redacted]
Lebensmittelchemikerin/Gegenprobensachverständige

Die in diesem Dokument berichteten Verfahren sind gemäß DIN EN ISO/IEC 17025:2018 akkreditiert. Ausschließlich nicht akkreditierte Verfahren sind mit dem Symbol *) gekennzeichnet.

AG Kiel
HRB 5796
Ust./VAT-ID-Nr:
DE 813 356 511 [redacted]

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DOC-12-2248186-DE-P2

Sept. 2025	PRODUCT SPECIFICATION
[redacted]	Trademark name of product: **Goat Full Cream Colostrum Powder, 22% IgG**

1. Product Description

The product contains 22% immunoglobulin. Manufactured from full cream goat colostrum from Animals which are fed with GMO-free feed. The product is spray dried.

2. Product composition

Legislative frame: recommended labelling, in accordance with Regulation 1169/2011 of the European Parliament and the Council, as amended.

Product composition	%	Additives E-code	Additive name	Country of origin*
Goat colostrum	100,00			CZ, NL, FR, DE

3. Sensory properties

Appearance	A homogeneous powder, with a slight amount of flakes, can be glued to larger units, easy to mill
Colour	White - yellow
Taste	Milky, with a slight goat aroma
Smell	Milky, with a slight goat aroma
Consistence	dry

4. Physico-chemical requirements

Parameter	Method	Min.	Typical	Max.
pH after solution	SOP-CH-IM-1 part A	6,3	6,4	7,2
Impurity (mg/kg)	GB 5413.30	0	3	5
IgG content (g/100g)	Liquid chromatography HPLC, or RID	22	22	30
Salt (g/100g)	konductometer Atago	2	2,5	3,5
Protein (g/100g)	GB 5009.5	34	41	4
Fat (g/100g)	GB 5413.3	26	31	35

[redacted]

Saturated fatty acids (g/100g)	GC/FID	14	17	25
Sacharides (g/100g)	SOP-CH-IM-39	14	18	20
Sugars (g/100g)	ČSN 56 0146-5	12	14	18
Dry matter (%)	gravimetry	96	97	98

5. Contaminants

Pesticide residues:
Legislative framework: In accordance with Regulation (EC) - 396/2005 / EC of the European Parliament and of the Council as amended, the specific limits for this product are not specified by legislation.

Mycotoxins, heavy metals, nitrates, PCBs, dioxins:
Legislative framework: In accordance with Regulation (EC) - 396/2005 / EC of the European Parliament and of the Council as amended, the specific limits for this product are not specified by legislation.

Item	Limit Requirement	Testing frequency	Method
Pb (mg/kg) ≤	<0.15	Once/year	GB 2762-2017
As (mg/kg) ≤	<0.2	Once/year	GB 2762-2012
Cr (mg/kg) ≤	<1.0	Once/year	GB 2762-2012
Cd (mg/kg) ≤	<0,25	Once/year	GB 2762-2012
Hg (mg/kg) ≤	<0,1	Once/year	GB 2762-2017
Sn (mg/kg) ≤	<150	Once/year	GB 2762-2012
Cu (mg/kg) ≤	<10	Once/year	GB 2762-2012
Aflatoxin M1 (μg/kg) ≤	<0.3	Once/year	GB 2761-2011
Nitrate (mg/kg) ≤	<50.0	Once/year	GB 2762-2017
Nitrite (mg/kg) ≤	<1.5	Once/year	GB 2762-2017
Melamine (mg/kg) ≤	<0,1	Once/year	GB 2762-2012

Hormones:

Item	Limit Requirement	Testing frequency	Method
Hexestrol	≤ 1 ug/kg	Once/2 years	SOP 85D
Dienestrol	≤ 1 ug/kg	Once/2 years	SOP 85D
Benzestrol	≤ 1 ug/kg	Once/2 years	SOP 85D
Diethylstilbestrol	≤ 1 ug/kg	Once/2 years	SOP 85D
Medroxyprogesteron	≤ 1 ug/kg	Once/2 years	SOP 91
Progesteron	≤ 1 ug/kg	Once/2 years	SOP 91
DEHP (mg/kg)	<1,5	Once/2 years	GB 5009.271-20161
DIBP (mg/kg)	<9,0	Once/2 years	GB 5009.271-20161
DBP (mg/kg)	<0,3	Once/2 years	GB 5009.271-20161

Bovine DNA content:

Item	Limit Requirement	Testing frequency	Method
Bovine DNA	Not detected	batch	RID, ELISA

Antibiotic residua content:

Negative, tested by plate method (E. Coli), plate method (Goebacillus stearotermophillus), four plate method, ECLIPSE. The antibiotics tested: Beta-lactams, sulfonamides, tetracyclines, chloramphenicols, florfenicol, thiamphenicol.

Veterinary drugs residua:

Negative, the residua tested: hydrocortisone.

6. Nutrition values, in 100g of product

Item	Units	Value	Test method
Energetic value	kJ/100g	2133	calculation
Energetic value	kcal/100g	511	calculation
Fats	g/100g	31	calculation
Saturated fatty acids	g/100g	17	calculation
Sacharides	g/100g	17	calculation
Sugars	g/100g	15	calculation
Proteins	g/100g	41	calculation
Salt	g/100g	2,5	calculation

7. Microbiological requirements

Legislative framework: In accordance with Regulation (EC) - 396/2005 / EC of the European Parliament and of the Council as amended, the specific limits for this product are not specified by legislation.

Item	Sampling plan and Limit (CFU/g)		Testing frequency	Method
	n	m		
Aerobic bacterial count	5	<10 000	batch	GB 4789.2
Coliform	5	<10	batch	GB 4789.3
Staphyllococcus Aureus	1	<10	batch	GB 4789.10
Yeast & moulds	1	<20	batch	GB 4789.15 - 2016
Salmonella	5	0/25g	batch	GB 4789.4
B. cereus	1	<50	batch	ČSN EN ISO 7932
Cronobacter	1	ND	batch	ČSN EN ISO 22964
Shigella spp.	1	0/25g	Once/Q	
Escherichia coli	1	<10	Once/Q	GB 4789.3
Streptococcus hemolyticus	1	ND	Once/Q	ČSN EN ISO 22964
Enterobacteriaceae	5	<10	batch	GB 4789.3

Listeria monocytogenes	5		0/25g	batch	SOP 8.28 HP according to ČSN EN ISO 11290-1,2 and ČSN ISO 18593

8. Information about allergens

Legislative framework: in accordance with the Regulation of the European Parliament and the Council of the EU No 1169/2011, as amended.

Allergenic substances	Allergen content in the product		Product in which the allergen is contained
	Yes	No	
1. Cereals containing gluten, namely: Wheat (eg spelled and khorasan), rye, barley, oats or their hybrids and products thereof, except: a. wheat based glucose syrups including dextrose b. Wheat-based maltodextrins c. Barley-based glucose syrups d. Cereals used for the production of alcoholic distillates, including ethyl alcohol of agricultural origin		X	
2. Crustaceans and products thereof		X	
3. Eggs and products thereof		X	
4. Fish and products thereof, except: a. Fish gelatine used as a carrier of vitamins or carotenoids b. Fish gelatin or shingles used as a clarifying agent for beer and wine		X	
5. Groundnuts (peanuts) and products thereof		X	
6. Soya beans and products thereof, except: from vegetable oil a) fully refined soybean oil and fat 1);natural mixtures of tocopherols (E306), natural d-alpha tocopherol, natural d-alpha- tocopherol acetate, natural soybean d-alpha- tocopherol succinate; phytosterols and phytosterol esters derived from vegetable oils from soya; plant stanol ester produced from soy sterols		X	
7. Milk and products thereof (including lactose), except: a. Whey used for making alcoholic distillates, including ethyl alcohol of agricultural origin b. lactitol	X		Goat milk

8. Nuts, namely almonds (Amygdalus communis L.), hazelnuts (Corylus avellana), walnuts (Juglans regia), cashew nuts (Anacardium occidentale), peanuts (Carya illinoiesis (Wangenh. nuts (Bertholletia excelsa), pistachios (Pistacia vera), macadamia (Macadamia ternifolia) and products thereof, excluding nuts used in the manufacture of alcoholic spirits, including ethyl alcohol of agricultural origin		X	
9. Celery and products thereof		X	
10. Mustard and products thereof		X	
11. Sesame seeds and products thereof		X	
12. Sulfur dioxide and sulphites in concentrations exceeding 10 mg / kg or 10 mg / l, expressed as total SO2, calculated for products for direct consumption or for consumption after reconstitution according to the manufacturer's instructions		X	
13. Lupine and products from it		X	
14. Molluscs and products thereof		X	

1) and products thereof, provided that the processing they have undergone does not increase the level of allergenicity that the Authority (EFSA) has set for the relevant basic product.

9. Storage conditions, packaging and shipping requirements

Properties	Min.	Max.	Unit
Transport temperature	+ 2	+ 25	°C
Storage temperature	+ 2	+ 25	°C
Storage humidity		70	%
Expiration date		12	Months

The product is packaged in Paper bag with PE inner layer. Packaging size: 5 kg.

Wooden pallets are heat-treated, which is noticed. One original certificate certifying the wood packing material have been labeled with IPPC mark.

10. Declaration - legislative framework

The product is health-conscious and complies with applicable national and European legislation, namely the Food and Tobacco Products Act No. 110/1997 Coll. (EC) No 178/2002 of the European Parliament and of the Council on Food Safety and Regulation (EC) No 852/2004 of the European Parliament and of the Council on the hygiene of foodstuffs, as amended.

Used packaging meets the requirements of Regulation (EC) No. 1935/2004 of the European Parliament and of the Council on materials and articles intended to come into contact with food, including the related national and European legislation, as amended. Products packaged in plastic packaging meet the requirements of Commission Regulation (EU) No 10/2011 on materials and articles intended to come into contact with foodstuffs.

The product or the raw materials used for its production have not been treated with ionizing radiation.

11. GMO-free

This product as well as the raw material from which it is produced are not genetically engineered and do not contain any genetically modified organisms according to Regulation No. 1829/2003 / EC and 1830/2003 / EC, as amended.

12. Range of application

The buyer of the product is responsible to check all local requirements for the intended use of the product and the requirements for the intended country of destination.

13. Signatories

Issue date: September 2025

Commercial: