



STANDARD DIÄTEN
STANDARD DIETS

Ausgabe | Edition
2009

STANDARDDIÄTEN - KATALOG

CATALOGUE OF STANDARD DIETS

Ratten und Mäuse | Rats and Mice

Kaninchen | Rabbits

Meerschweinchen | Guinea Pigs

Hunde | Dogs

Primaten | Non-human Primates

Tupajas | Tree Shrews

Hamster | Hamsters

Miniaturschweine | Minipigs

Marmosetten | Marmosets

Kleine Klautentiere | Small Ruminants

Wachteln | Quails

Anmerkung | Note

Die im Folgenden genannten Nährstoffwerte sind berechnete Mittelwerte bezogen auf lufttrockene Substanz. Die Analysenwerte können somit aufgrund natürlicher Schwankungen der biologischen Rohstoffe von den angegebenen Werten abweichen.

The following nutrient values are calculated averages in air-dry substance. The analytical values may vary due to natural variations of the biological raw materials.

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STANDARD DIÄTEN

Altromin Standarddiäten sind **Alleinfuttermittel** für die Zucht- bzw. Haltung von Versuchstieren, und dementsprechend für sämtliche Entwicklungs- und Lebensabschnitte der Tiere geeignet.

Grundsätzlich sind unsere Standarddiäten zur **ad libitum Fütterung** vorgesehen. Dennoch kann es bei bestimmten Tieren, z.B. Miniaturschweine, insbesondere aber auch bei bestimmten Mäusestämmen oder Zuchtlinien, die zu Adipositas neigen erforderlich sein, die tägliche Futtermittelaufnahme zu begrenzen bzw. auf energieärmere Diäten zu wechseln.

Auf Kundenwunsch können alle Standarddiäten mit Chargen-bezogenem **Analysenzertifikat** ausgeliefert werden.

Standarddiäten für die in diesem Katalog nicht aufgeführten Versuchstiere, wie z.B. Frettchen, Gerbils, Katzen, Krallenfrösche u.a., sind auf Anfrage ebenso erhältlich.

Sonder- und Experimentaldiäten sowie **Open-Formula Diäten** (NIH / AIN) sind ebenfalls auf Anfrage erhältlich.

STANDARD DIETS

Altromin standard diets are **complete feed** for breeding and maintenance of laboratory animals and therefore suited for all development and life stages of the animals.

Our standard diets are generally designed for an **ad libitum feed intake**. However, for some animals, e.g. minipigs, and particularly for certain mice strains or breeding lines, it can be necessary to restrict the feed consumption to avoid health injuries or change to a diet with a lower energy content.

A batch related **analytical certificate** for all standard diets is available on customers' request.

Standard diets for other laboratory animals which are not mentioned in this catalogue, e.g. ferrets, gerbils, cats, xenopus et al., are also available on request.

Special and experimental diets as well as **Open-Formula diets** (NIH / AIN) are also available on request.

VERPACKUNGSVARIANTEN | AVAILABLE PACKAGES

Papier-Ventilsack	Paper Valve Bag	10kg - 25 kg
Papier-Nähsack	Paper Bag, Needled	10 kg – 25 kg
Plastik-Sterilsack verschweißt	Plastic Aseptic Bag Heat-sealed	10 kg – 25 kg
Vakuumverpackung Papier-Plastik	Vacuum packaging Paper-Plastics	1 kg – 10 kg
Vakuumverpackung Plastik-Plastik	Vacuum packaging Plastics-Plastics	2,5 kg – 5 kg
Big-Bags		Max. 800 – 1000 kg

BESTRAHLTE DIÄTEN | IRRADIATED DIETS

Vakuum-verpackte Diäten können auf Kundenwunsch bestrahlt werden (5 – 50 kGy).

Vacuum packaged diets can be irradiated (5 – 50 kGy) according to the customers' request.

ZUCHTDIÄT – RATTEN UND MÄUSE BREEDING DIET – RATS AND MICE

1310

Rohnährstoffe | Crude Nutrients [%]

Trockensubstanz Dry Matter	89.0
Rohprotein Crude Protein	22.5
Rohfett Crude Fat	5.0
Rohfaser Crude Fibre	4.5
Rohasche Crude Ash	6.5
NfE Stickstoff freie Extraktstoffe Nitrogen Free Extracts	50.5

Mineralstoffe | Minerals [%]

Calcium	0.9
Phosphor Phosphorus	0.7
Magnesium	0.2
Natrium Sodium	0.2
Kalium Potassium	0.9

Umsetzbare Energie | Metabolizable Energy

12.5 MJ/kg (2988 kcal/kg)

Kalorien aus Protein | Calories from protein*

27 %

Kalorien aus Fett | Calories from fat*

13 %

Kalorien aus Kohlenhydraten | Calories from carbohydrates*

60 %

(* berechnet mittels Atwater Faktoren | calculated using Atwater factors)

Aminosäuren | Amino Acids [%]

Alanin Alanine	1.0
Arginin Arginine	1.5
Asparaginsäure Aspartic Acid	2.3
Glutaminsäure Glutamic Acid	4.3
Glycin Glycine	0.9
Histidin Histidine	0.5
Isoleucin Isoleucine	1.0
Leucin Leucine	1.8
Lysin Lysine	1.2
Met + Cyst	0.7
Phenylalanin Phenylalanine	1.1
Phe + Tyr	1.9
Prolin Proline	1.4
Serin Serine	1.1
Threonin Threonine	0.8
Tryptophan	0.3
Valin Valine	1.1

Vitamine pro kg | Vitamins per kg

	Standard	Fortified
Vitamin A	15.000 IE IU	25.000 IE IU
Vitamin D3	600 IE IU	1.000 IE IU
Vitamin B1	18 mg	30 mg
Vitamin B2	12 mg	20 mg
Vitamin B6	9 mg	15 mg
Vitamin B12	24 mcg	40 mcg
Vitamin C	36 mg	58 mg
Vitamin K3	3 mg	5 mg
Vitamin E	75 mg	125 mg
Folsäure Folic Acid	2 mg	3 mg
Biotin	60 mcg	100 mcg
Nikotinsäure Nicotinic Acid	36 mg	60 mg
Pantothensäure Pantothenic Acid	21 mg	35 mg
Cholinchlorid Choline Chloride	600 mg	1.000 mg

Spurenelemente | Trace Elements [ppm]

Eisen Iron	150
Mangan Manganese	50
Zink Zinc	60
Kupfer Copper	13
Iod Iodine	1.4
Selen Selenium	0.6
Kobalt Cobalt	0.3

Altromin Produkte | Products

1311	Mehlform Meal, fine-grained
1314	Pellets, 10 mm
1316	Pellets, 13 mm
1319	Extrudate Extrudates
131x N	Nitrosaminarm Deficient in Nitrosamines
Fortified	Autoklavierbar Autoclavable

ZUCHTDIÄT – RATTEN UND MÄUSE BREEDING DIET – RATS AND MICE

1310 P

PHYTOÖSTROGENARM | DEFICIENT IN PHYTOESTROGENS

Rohnährstoffe | Crude Nutrients [%]

Trockensubstanz Dry Matter	89.0
Rohprotein Crude Protein	23.0
Rohfett Crude Fat	5.0
Rohfaser Crude Fibre	4.5
Rohasche Crude Ash	5.5
NfE Stickstoff freie Extraktstoffe Nitrogen Free Extracts	51.0

Mineralstoffe | Minerals [%]

Calcium	0.9
Phosphor Phosphorus	0.7
Magnesium	0.2
Natrium Sodium	0.2
Kalium Potassium	0.5

Umsetzbare Energie | Metabolizable Energy

12.1 MJ/kg (2891 kcal/kg)

Kalorien aus Protein | Calories from protein*

27 %

Kalorien aus Fett | Calories from fat*

13 %

Kalorien aus Kohlenhydraten | Calories from carbohydrates*

60 %

(* berechnet mittels Atwater Faktoren | calculated using Atwater factors)

Aminosäuren | Amino Acids [%]

Alanin Alanine	1.6
Arginin Arginine	0.9
Asparaginsäure Aspartic Acid	1.5
Glutaminsäure Glutamic Acid	4.9
Glycin Glycine	0.8
Histidin Histidine	0.5
Isoleucin Isoleucine	0.9
Leucin Leucine	2.9
Lysin Lysine	0.5
Met + Cyst	1.6
Phenylalanin Phenylalanine	1.9
Phe + Tyr	2.9
Prolin Proline	1.1
Serin Serine	0.8
Threonin Threonine	0.2
Tryptophan	1.0

Vitamine pro kg | Vitamins per kg

	Standard	Fortified
Vitamin A	15.000 IE IU	25.000 IE IU
Vitamin D3	600 IE IU	1.000 IE IU
Vitamin B1	18 mg	30 mg
Vitamin B2	12 mg	20 mg
Vitamin B6	9 mg	15 mg
Vitamin B12	24 mcg	40 mcg
Vitamin C	36 mg	58 mg
Vitamin K3	3 mg	5 mg
Vitamin E	75 mg	125 mg
Folsäure Folic Acid	2 mg	3 mg
Biotin	60 mcg	100 mcg
Nikotinsäure Nicotinic Acid	36 mg	60 mg
Pantothensäure Pantothenic Acid	21 mg	35 mg
Cholinchlorid Choline Chloride	600 mg	1.000 mg

Spurenelemente | Trace Elements [ppm]

Eisen Iron	140
Mangan Manganese	70
Zink Zinc	60
Kupfer Copper	12
Iod Iodine	1.5
Selen Selenium	0.6
Kobalt Cobalt	0.3

Altromin Produkte | Products

1311 P Mehlfarm | Meal, fine-grained
1314 P Pellets, 10 mm

Fortified Autoklavierbar | Autoclavable

Diese Diät ist auch als Phytoöstrogen-freie Purified Diät erhältlich.

This diet is also available as a free of phytoestrogens purified diet.

HALTUNGSDIÄT – RATTEN UND MÄUSE MAINTENANCE DIET – RATS AND MICE

1320

Rohnährstoffe | Crude Nutrients [%]

Trockensubstanz Dry Matter	89.0
Rohprotein Crude Protein	19.0
Rohfett Crude Fat	4.0
Rohfaser Crude Fibre	6.0
Rohasche Crude Ash	7.0
NfE Stickstoff freie Extraktstoffe Nitrogen Free Extracts	53.0

Mineralstoffe | Minerals [%]

Calcium	0.9
Phosphor Phosphorus	0.7
Magnesium	0.3
Natrium Sodium	0.2
Kalium Potassium	1.0

Umsetzbare Energie | Metabolizable Energy

11.9 MJ/kg (2844 kcal/kg)

Kalorien aus Protein | Calories from protein*

24 %

Kalorien aus Fett | Calories from fat*

11 %

Kalorien aus Kohlenhydraten | Calories from carbohydrates*

65 %

(* berechnet mittels Atwater Faktoren | calculated using Atwater factors)

Aminosäuren | Amino Acids [%]

Alanin Alanine	0.9
Arginin Arginine	1.2
Asparaginsäure Aspartic Acid	1.8
Glutaminsäure Glutamic Acid	3.8
Glycin Glycine	0.9
Histidin Histidine	0.4
Isoleucin Isoleucine	0.8
Leucin Leucine	1.4
Lysin Lysine	0.9
Met + Cyst	0.6
Phenylalanin Phenylalanine	0.8
Phe + Tyr	1.4
Prolin Proline	1.2
Serin Serine	0.9
Threonin Threonine	0.7
Tryptophan	0.2
Valin Valine	0.9

Vitamine pro kg | Vitamins per kg

	Standard	Fortified
Vitamin A	15.000 IE IU	25.000 IE IU
Vitamin D3	600 IE IU	1.000 IE IU
Vitamin B1	18 mg	30 mg
Vitamin B2	12 mg	20 mg
Vitamin B6	9 mg	15 mg
Vitamin B12	24 mcg	40 mcg
Vitamin C	36 mg	58 mg
Vitamin K3	3 mg	5 mg
Vitamin E	75 mg	125 mg
Folsäure Folic Acid	2 mg	3 mg
Biotin	60 mcg	100 mcg
Nikotinsäure Nicotinic Acid	36 mg	60 mg
Pantothensäure Pantothenic Acid	21 mg	35 mg
Cholinchlorid Choline Chloride	600 mg	1.000 mg

Spurenelemente | Trace Elements [ppm]

Eisen Iron	165
Mangan Manganese	75
Zink Zinc	70
Kupfer Copper	13
Iod Iodine	1.5
Selen Selenium	0.6
Kobalt Cobalt	0.3

Altromin Produkte | Products

1321	Mehlform Meal, fine-grained
1324	Pellets, 10 mm
1326	Pellets, 13 mm
1329	Extrudate Extrudates
132x N	Nitrosaminarm Deficient in Nitrosamines
Fortified	Autoklavierbar Autoclavable

HALTUNGSDIÄT – RATTEN UND MÄUSE MAINTENANCE DIET – RATS AND MICE

1320 P

PHYTOÖSTROGENARM | DEFICIENT IN PHYTOESTROGENS

Rohnährstoffe | Crude Nutrients [%]

Trockensubstanz Dry Matter	89.0
Rohprotein Crude Protein	19.5
Rohfett Crude Fat	4.0
Rohfaser Crude Fibre	6.0
Rohasche Crude Ash	6.5
NfE Stickstoff freie Extraktstoffe Nitrogen Free Extracts	53.0

Mineralstoffe | Minerals [%]

Calcium	0.9
Phosphor Phosphorus	0.7
Magnesium	0.3
Natrium Sodium	0.2
Kalium Potassium	0.7

Umsetzbare Energie | Metabolizable Energy

11.2 MJ/kg (2676 kcal/kg)

Kalorien aus Protein | Calories from protein*

24 %

Kalorien aus Fett | Calories from fat*

11 %

Kalorien aus Kohlenhydraten | Calories from carbohydrates*

65 %

(* berechnet mittels Atwater Faktoren | calculated using Atwater factors)

Aminosäuren | Amino Acids [%]

Alanin Alanine	1.3
Arginin Arginine	0.9
Asparaginsäure Aspartic Acid	1.3
Glutaminsäure Glutamic Acid	4.2
Glycin Glycine	0.8
Histidin Histidine	0.4
Isoleucin Isoleucine	0.7
Leucin Leucine	2.1
Lysin Lysine	0.5
Met + Cyst	0.8
Phenylalanin Phenylalanine	0.9
Phe + Tyr	1.6
Prolin Proline	1.6
Serin Serine	0.9
Threonin Threonine	0.7
Tryptophan	0.2
Valin Valine	0.9

Vitamine pro kg | Vitamins per kg

	Standard	Fortified
Vitamin A	15.000 IE IU	25.000 IE IU
Vitamin D3	600 IE IU	1.000 IE IU
Vitamin B1	18 mg	30 mg
Vitamin B2	12 mg	20 mg
Vitamin B6	9 mg	15 mg
Vitamin B12	24 mcg	40 mcg
Vitamin C	36 mg	58 mg
Vitamin K3	3 mg	5 mg
Vitamin E	75 mg	125 mg
Folsäure Folic Acid	2 mg	3 mg
Biotin	60 mcg	100 mcg
Nikotinsäure Nicotinic Acid	36 mg	60 mg
Pantothensäure Pantothenic Acid	21 mg	35 mg
Cholinchlorid Choline Chloride	600 mg	1.000 mg

Spurenelemente | Trace Elements [ppm]

Eisen Iron	155
Mangan Manganese	85
Zink Zinc	70
Kupfer Copper	14
Iod Iodine	1.5
Selen Selenium	0.6
Kobalt Cobalt	0.3

Altromin Produkte | Products

1321 P	Mehlform Meal, fine-grained
1324 P	Pellets, 10 mm

Fortified Autoklavierbar | Autoclavable

Diese Diät ist auch als Phytoöstrogen-freie Purified Diät erhältlich.

This diet is also available as a free of phytoestrogens purified diet.

HALTUNGSDIÄT – RATTEN UND MÄUSE MAINTENANCE DIET – RATS AND MICE

1340

ROHFASERREICH | RICH IN CRUDE FIBRE

Rohnährstoffe | Crude Nutrients [%]

Trockensubstanz Dry Matter	89.0
Rohprotein Crude Protein	12.5
Rohfett Crude Fat	3.0
Rohfaser Crude Fibre	20.0
Rohasche Crude Ash	6.5
NfE Stickstoff freie Extraktstoffe Nitrogen Free Extracts	47.0

Mineralstoffe | Minerals [%]

Calcium	0.9
Phosphor Phosphorus	0.7
Magnesium	0.2
Natrium Sodium	0.2
Kalium Potassium	0.4

Umsetzbare Energie | Metabolizable Energy

10.0 MJ/kg (2390 kcal/kg)

Kalorien aus Protein | Calories from protein*

19 %

Kalorien aus Fett | Calories from fat*

10 %

Kalorien aus Kohlenhydraten | Calories from carbohydrates*

71 %

(* berechnet mittels Atwater Faktoren | calculated using Atwater factors)

Aminosäuren | Amino Acids [%]

Alanin Alanine	0.4
Arginin Arginine	0.4
Asparaginsäure Aspartic Acid	0.6
Glutaminsäure Glutamic Acid	1.4
Glycin Glycine	0.4
Histidin Histidine	0.1
Isoleucin Isoleucine	0.2
Leucin Leucine	0.5
Lysin Lysine	0.3
Met + Cyst	0.3
Phenylalanin Phenylalanine	0.3
Phe + Tyr	0.5
Prolin Proline	0.5
Serin Serine	0.3
Threonin Threonine	0.2
Tryptophan	0.1
Valin Valine	0.3

Vitamine pro kg | Vitamins per kg

	Standard	Fortified
Vitamin A	15.000 IE IU	25.000 IE IU
Vitamin D3	600 IE IU	1.000 IE IU
Vitamin B1	18 mg	30 mg
Vitamin B2	12 mg	20 mg
Vitamin B6	9 mg	15 mg
Vitamin B12	24 mcg	40 mcg
Vitamin C	36 mg	58 mg
Vitamin K3	3 mg	5 mg
Vitamin E	75 mg	125 mg
Folsäure Folic Acid	2 mg	3 mg
Biotin	60 mcg	100 mcg
Nikotinsäure Nicotinic Acid	36 mg	60 mg
Pantothensäure Pantothenic Acid	21 mg	35 mg
Cholinchlorid Choline Chloride	600 mg	1.000 mg

Spurenelemente | Trace Elements [ppm]

Eisen Iron	130
Mangan Manganese	55
Zink Zinc	50
Kupfer Copper	12
Iod Iodine	1.3
Selen Selenium	0.5
Kobalt Cobalt	0.3

Altromin Produkte | Products

1341	Mehlform Meal, fine-grained
1344	Pellets, 10 mm
134x N	Nitrosaminarm Deficient in Nitrosamines
Fortified	Autoklavierbar Autoclavable

ZUCHT- / HALTUNGSDIÄT – MÄUSE BREEDING / MAINTENANCE DIET – MICE

1410

ENERGIEREICH für transgene Tiere | HIGH ENERGY for transgenic animals

Rohnährstoffe | Crude Nutrients [%]

Trockensubstanz Dry Matter	89.0
Rohprotein Crude Protein	25.0
Rohfett Crude Fat	9.0
Rohfaser Crude Fibre	2.5
Rohasche Crude Ash	6.5
NfE Stickstoff freie Extraktstoffe Nitrogen Free Extracts	46.0

Mineralstoffe | Minerals [%]

Calcium	1.0
Phosphor Phosphorus	0.8
Magnesium	0.1
Natrium Sodium	0.2
Kalium Potassium	0.4

Umsetzbare Energie | Metabolizable Energy

13.2 MJ/kg (3154 kcal/kg)

Kalorien aus Protein | Calories from protein*

27 %

Kalorien aus Fett | Calories from fat*

22 %

Kalorien aus Kohlenhydraten | Calories from carbohydrates*

51 %

(* berechnet mittels Atwater Faktoren | calculated using Atwater factors)

Aminosäuren | Amino Acids [%]

Alanin Alanine	1.8
Arginin Arginine	1.0
Asparaginsäure Aspartic Acid	1.7
Glutaminsäure Glutamic Acid	5.2
Glycin Glycine	0.8
Histidin Histidine	0.5
Isoleucin Isoleucine	1.0
Leucin Leucine	3.3
Lysin Lysine	0.9
Met + Cyst	1.0
Phenylalanin Phenylalanine	1.4
Phe + Tyr	2.5
Prolin Proline	2.1
Serin Serine	1.2
Threonin Threonine	0.8
Tryptophan	0.2
Valin Valine	1.1

Vitamine pro kg | Vitamins per kg

	Standard	Fortified
Vitamin A	20.000 IE IU	25.000 IE IU
Vitamin D3	800 IE IU	1.000 IE IU
Vitamin B1	24 mg	30 mg
Vitamin B2	16 mg	20 mg
Vitamin B6	12 mg	15 mg
Vitamin B12	32 mcg	40 mcg
Vitamin C	46 mg	58 mg
Vitamin K3	4 mg	5 mg
Vitamin E	100 mg	125 mg
Folsäure Folic Acid	3 mg	3 mg
Biotin	80 mcg	100 mcg
Nikotinsäure Nicotinic Acid	48 mg	60 mg
Pantothensäure Pantothenic Acid	28 mg	35 mg
Cholinchlorid Choline Chloride	800 mg	1.000 mg

Spurenelemente | Trace Elements [ppm]

Eisen Iron	120
Mangan Manganese	45
Zink Zinc	50
Kupfer Copper	10
Iod Iodine	1.4
Selen Selenium	0.5
Kobalt Cobalt	0.3

Altromin Produkte | Products

1411	Mehlform Meal, fine-grained
1414	Pellets, 10 mm
141x N	Nitrosaminarm Deficient in Nitrosamines
Fortified	Autoklavierbar Autoclavable

ZUCHT- / HALTUNGSDIÄT BREEDING / MAINTENANCE DIET

1430

für Nacktratten und Nacktmäuse | for Nude Rats and Nude Mice

Rohnährstoffe | Crude Nutrients [%]

Trockensubstanz Dry Matter	89.0
Rohprotein Crude Protein	23.5
Rohfett Crude Fat	7.5
Rohfaser Crude Fibre	3.5
Rohasche Crude Ash	6.5
NfE Stickstoff freie Extraktstoffe Nitrogen Free Extracts	48.0

Mineralstoffe | Minerals [%]

Calcium	0.8
Phosphor Phosphorus	0.6
Magnesium	0.2
Natrium Sodium	0.2
Kalium Potassium	0.9

Umsetzbare Energie | Metabolizable Energy

13.2 MJ/kg (3154 kcal/kg)

Kalorien aus Protein | Calories from protein*

27 %

Kalorien aus Fett | Calories from fat*

19 %

Kalorien aus Kohlenhydraten | Calories from carbohydrates*

54 %

(* berechnet mittels Atwater Faktoren | calculated using Atwater factors)

Aminosäuren | Amino Acids [%]

Alanin Alanine	1.2
Arginin Arginine	1.5
Asparaginsäure Aspartic Acid	2.3
Glutaminsäure Glutamic Acid	4.7
Glycin Glycine	1.0
Histidin Histidine	0.6
Isoleucin Isoleucine	1.0
Leucin Leucine	2.1
Lysin Lysine	1.2
Met + Cyst	0.7
Phenylalanin Phenylalanine	1.2
Phe + Tyr	2.1
Prolin Proline	1.6
Serin Serine	1.2
Threonin Threonine	0.9
Tryptophan	0.3
Valin Valine	1.1

Vitamine pro kg | Vitamins per kg

	Standard	Fortified
Vitamin A	20.000 IE IU	25.000 IE IU
Vitamin D3	800 IE IU	1.000 IE IU
Vitamin B1	24 mg	30 mg
Vitamin B2	16 mg	20 mg
Vitamin B6	12 mg	15 mg
Vitamin B12	32 mcg	40 mcg
Vitamin C	46 mg	58 mg
Vitamin K3	4 mg	5 mg
Vitamin E	100 mg	125 mg
Folsäure Folic Acid	3 mg	3 mg
Biotin	80 mcg	100 mcg
Nikotinsäure Nicotinic Acid	48 mg	60 mg
Pantothensäure Pantothenic Acid	28 mg	35 mg
Cholinchlorid Choline Chloride	800 mg	1.000 mg

Spurenelemente | Trace Elements [ppm]

Eisen Iron	145
Mangan Manganese	50
Zink Zinc	60
Kupfer Copper	13
Iod Iodine	1.4
Selen Selenium	0.6
Kobalt Cobalt	0.3

Altromin Produkte | Products

1431	Mehlform Meal, fine-grained
1434	Pellets, 10 mm
143x N	Nitrosaminarm Deficient in Nitrosamines
Fortified	Autoklavierbar Autoclavable

Rohnährstoffe | Crude Nutrients [%]

Trockensubstanz Dry Matter	89.0
Rohprotein Crude Protein	22.5
Rohfett Crude Fat	5.0
Rohfaser Crude Fibre	13.0
Rohasche Crude Ash	8.5
NfE Stickstoff freie Extraktstoffe Nitrogen Free Extracts	40.0

Mineralstoffe | Minerals [%]

Calcium	0.9
Phosphor Phosphorus	0.7
Magnesium	0.2
Natrium Sodium	0.2
Kalium Potassium	1.3

Umsetzbare Energie | Metabolizable Energy

10.4 MJ/kg (2485 kcal/kg)

Kalorien aus Protein | Calories from protein*

31 %

Kalorien aus Fett | Calories from fat*

15 %

Kalorien aus Kohlenhydraten | Calories from carbohydrates*

54 %

(* berechnet mittels Atwater Faktoren | calculated using Atwater factors)

Aminosäuren | Amino Acids [%]

Alanin Alanine	1.0
Arginin Arginine	1.5
Asparaginsäure Aspartic Acid	2.3
Glutaminsäure Glutamic Acid	3.7
Glycin Glycine	0.9
Histidin Histidine	0.5
Isoleucin Isoleucine	0.9
Leucin Leucine	1.6
Lysin Lysine	1.2
Met + Cyst	0.5
Phenylalanin Phenylalanine	1.0
Phe + Tyr	1.7
Prolin Proline	1.1
Serin Serine	1.1
Threonin Threonine	0.8
Tryptophan	0.3
Valin Valine	1.0

Vitamine pro kg | Vitamins per kg

	Standard	Fortified
Vitamin A	15.000 IE IU	25.000 IE IU
Vitamin D3	600 IE IU	1.000 IE IU
Vitamin B1	18 mg	30 mg
Vitamin B2	12 mg	20 mg
Vitamin B6	9 mg	15 mg
Vitamin B12	24 mcg	40 mcg
Vitamin C	36 mg	58 mg
Vitamin K3	3 mg	5 mg
Vitamin E	75 mg	125 mg
Folsäure Folic Acid	2 mg	3 mg
Biotin	60 mcg	100 mcg
Nikotinsäure Nicotinic Acid	36 mg	60 mg
Pantothensäure Pantothenic Acid	21 mg	35 mg
Cholinchlorid Choline Chloride	600 mg	1.000 mg

Spurenelemente | Trace Elements [ppm]

Eisen Iron	160
Mangan Manganese	50
Zink Zinc	50
Kupfer Copper	15
Iod Iodine	1.2
Selen Selenium	0.6
Kobalt Cobalt	0.3

Altromin Produkte | Products

2011	Mehlform Meal, fine-grained
2013	Pellets, 4.5 mm
201x N	Nitrosaminarm Deficient in Nitrosamines
Fortified	Autoklavierbar Autoclavable

HALTUNGSDIÄT – KANINCHEN MAINTENANCE DIET – RABBITS

2020

Rohnährstoffe | Crude Nutrients [%]

Trockensubstanz Dry Matter	89.0
Rohprotein Crude Protein	17.5
Rohfett Crude Fat	4.0
Rohfaser Crude Fibre	14.5
Rohasche Crude Ash	8.0
NfE Stickstoff freie Extraktstoffe Nitrogen Free Extracts	45.0

Mineralstoffe | Minerals [%]

Calcium	0.9
Phosphor Phosphorus	0.7
Magnesium	0.2
Natrium Sodium	0.2
Kalium Potassium	1.1

Umsetzbare Energie | Metabolizable Energy

10.1 MJ/kg (2413 kcal/kg)

Kalorien aus Protein | Calories from protein*

24 %

Kalorien aus Fett | Calories from fat*

13 %

Kalorien aus Kohlenhydraten | Calories from carbohydrates*

63 %

(* berechnet mittels Atwater Faktoren | calculated using Atwater factors)

Aminosäuren | Amino Acids [%]

Alanin Alanine	0.8
Arginin Arginine	1.0
Asparaginsäure Aspartic Acid	1.6
Glutaminsäure Glutamic Acid	2.8
Glycin Glycine	0.7
Histidin Histidine	0.3
Isoleucin Isoleucine	0.7
Leucin Leucine	1.2
Lysin Lysine	0.8
Met + Cyst	0.5
Phenylalanin Phenylalanine	0.7
Phe + Tyr	1.2
Prolin Proline	0.9
Serin Serine	0.8
Threonin Threonine	0.6
Tryptophan	0.2
Valin Valine	0.8

Vitamine pro kg | Vitamins per kg

	Standard	Fortified
Vitamin A	15.000 IE IU	25.000 IE IU
Vitamin D3	600 IE IU	1.000 IE IU
Vitamin B1	18 mg	30 mg
Vitamin B2	12 mg	20 mg
Vitamin B6	9 mg	15 mg
Vitamin B12	24 mcg	40 mcg
Vitamin C	36 mg	58 mg
Vitamin K3	3 mg	5 mg
Vitamin E	75 mg	125 mg
Folsäure Folic Acid	2 mg	3 mg
Biotin	60 mcg	100 mcg
Nikotinsäure Nicotinic Acid	36 mg	60 mg
Pantothensäure Pantothenic Acid	21 mg	35 mg
Cholinchlorid Choline Chloride	600 mg	1.000 mg

Spurenelemente | Trace Elements [ppm]

Eisen Iron	160
Mangan Manganese	55
Zink Zinc	50
Kupfer Copper	14
Iod Iodine	1.3
Selen Selenium	0.6
Kobalt Cobalt	0.3

Altromin Produkte | Products

2021	Mehlform Meal, fine-grained
2023	Pellets, 4.5 mm
202x N	Nitrosaminarm Deficient in Nitrosamines
Fortified	Autoklavierbar Autoclavable

ZUCHTDIÄT - KANINCHEN BREEDING DIET - RABBITS

2110

ROHFASERREICH | RICH IN CRUDE FIBRE

Rohnährstoffe | Crude Nutrients [%]

Trockensubstanz Dry Matter	89.0
Rohprotein Crude Protein	15.0
Rohfett Crude Fat	3.5
Rohfaser Crude Fibre	19.5
Rohasche Crude Ash	7.5
NfE Stickstoff freie Extraktstoffe Nitrogen Free Extracts	43.5

Mineralstoffe | Minerals [%]

Calcium	0.8
Phosphor Phosphorus	0.6
Magnesium	0.2
Natrium Sodium	0.2
Kalium Potassium	0.8

Umsetzbare Energie | Metabolizable Energy

9.7 MJ/kg (2318 kcal/kg)

Kalorien aus Protein | Calories from protein*

23 %

Kalorien aus Fett | Calories from fat*

12 %

Kalorien aus Kohlenhydraten | Calories from carbohydrates*

65 %

(* berechnet mittels Atwater Faktoren | calculated using Atwater factors)

Aminosäuren | Amino Acids [%]

Alanin Alanine	0.6
Arginin Arginine	0.7
Asparaginsäure Aspartic Acid	1.1
Glutaminsäure Glutamic Acid	1.9
Glycin Glycine	0.5
Histidin Histidine	0.2
Isoleucin Isoleucine	0.4
Leucin Leucine	0.8
Lysin Lysine	0.5
Met + Cyst	0.3
Phenylalanin Phenylalanine	0.5
Phe + Tyr	0.9
Prolin Proline	0.6
Serin Serine	0.5
Threonin Threonine	0.4
Tryptophan	0.1
Valin Valine	0.5

Vitamine pro kg | Vitamins per kg

	Standard	Fortified
Vitamin A	15.000 IE IU	25.000 IE IU
Vitamin D3	600 IE IU	1.000 IE IU
Vitamin B1	18 mg	30 mg
Vitamin B2	12 mg	20 mg
Vitamin B6	9 mg	15 mg
Vitamin B12	24 mcg	40 mcg
Vitamin C	36 mg	58 mg
Vitamin K3	3 mg	5 mg
Vitamin E	75 mg	125 mg
Folsäure Folic Acid	2 mg	3 mg
Biotin	60 mcg	100 mcg
Nikotinsäure Nicotinic Acid	36 mg	60 mg
Pantothensäure Pantothenic Acid	21 mg	35 mg
Cholinchlorid Choline Chloride	600 mg	1.000 mg

Spurenelemente | Trace Elements [ppm]

Eisen Iron	140
Mangan Manganese	45
Zink Zinc	40
Kupfer Copper	12
Iod Iodine	1.2
Selen Selenium	0.6
Kobalt Cobalt	0.3

Altromin Produkte | Products

2111	Mehlform Meal, fine-grained
2113	Pellets, 4,5 mm
211x N	Nitrosaminarm Deficient in Nitrosamines
Fortified	Autoklavierbar Autoclavable

HALTUNGSDIÄT - KANINCHEN MAINTENANCE DIET - RABBITS

2120

ROHFASERREICH | RICH IN CRUDE FIBRE

Rohnährstoffe | Crude Nutrients [%]

Trockensubstanz Dry Matter	89.0
Rohprotein Crude Protein	12.0
Rohfett Crude Fat	3.0
Rohfaser Crude Fibre	20.0
Rohasche Crude Ash	7.5
NfE Stickstoff freie Extraktstoffe Nitrogen Free Extracts	46.5

Mineralstoffe | Minerals [%]

Calcium	0.8
Phosphor Phosphorus	0.6
Magnesium	0.2
Natrium Sodium	0.2
Kalium Potassium	0.9

Umsetzbare Energie | Metabolizable Energy

9.6 MJ/kg (2294 kcal/kg)

Kalorien aus Protein | Calories from protein*

19 %

Kalorien aus Fett | Calories from fat*

10 %

Kalorien aus Kohlenhydraten | Calories from carbohydrates*

71 %

(* berechnet mittels Atwater Faktoren | calculated using Atwater factors)

Aminosäuren | Amino Acids [%]

Alanin Alanine	0.5
Arginin Arginine	0.5
Asparaginsäure Aspartic Acid	0.8
Glutaminsäure Glutamic Acid	1.3
Glycin Glycine	0.5
Histidin Histidine	0.2
Isoleucin Isoleucine	0.3
Leucin Leucine	0.6
Lysin Lysine	0.4
Met + Cyst	0.3
Phenylalanin Phenylalanine	0.4
Phe + Tyr	0.7
Prolin Proline	0.5
Serin Serine	0.4
Threonin Threonine	0.3
Tryptophan	0.1
Valin Valine	0.4

Vitamine pro kg | Vitamins per kg

	Standard	Fortified
Vitamin A	15.000 IE IU	25.000 IE IU
Vitamin D3	600 IE IU	1.000 IE IU
Vitamin B1	18 mg	30 mg
Vitamin B2	12 mg	20 mg
Vitamin B6	9 mg	15 mg
Vitamin B12	24 mcg	40 mcg
Vitamin C	36 mg	58 mg
Vitamin K3	3 mg	5 mg
Vitamin E	75 mg	125 mg
Folsäure Folic Acid	2 mg	3 mg
Biotin	60 mcg	100 mcg
Nikotinsäure Nicotinic Acid	36 mg	60 mg
Pantothensäure Pantothenic Acid	21 mg	35 mg
Cholinchlorid Choline Chloride	600 mg	1.000 mg

Spurenelemente | Trace Elements [ppm]

Eisen Iron	155
Mangan Manganese	60
Zink Zinc	45
Kupfer Copper	13
Iod Iodine	1.2
Selen Selenium	0.6
Kobalt Cobalt	0.3

Altromin Produkte | Products

2121	Mehlform Meal, fine-grained
2123	Pellets, 4,5 mm
212x N	Nitrosaminarm Deficient in Nitrosamines
Fortified	Autoklavierbar Autoclavable

Rohnährstoffe | Crude Nutrients [%]

Trockensubstanz Dry Matter	89.0
Rohprotein Crude Protein	23.0
Rohfett Crude Fat	5.0
Rohfaser Crude Fibre	12.0
Rohasche Crude Ash	8.5
NfE Stickstoff freie Extraktstoffe Nitrogen Free Extracts	45.5

Mineralstoffe | Minerals [%]

Calcium	0.9
Phosphor Phosphorus	0.7
Magnesium	0.2
Natrium Sodium	0.2
Kalium Potassium	1.3

Umsetzbare Energie | Metabolizable Energy

10.6 MJ/kg (2544 kcal/kg)

Kalorien aus Protein Calories from protein*	31 %
Kalorien aus Fett Calories from fat*	15 %
Kalorien aus Kohlenhydraten Calories from carbohydrates*	54 %

(* berechnet mittels Atwater Faktoren | calculated using Atwater factors)

Aminosäuren | Amino Acids [%]

Alanin Alanine	1.0
Arginin Arginine	1.6
Asparaginsäure Aspartic Acid	2.4
Glutaminsäure Glutamic Acid	4.0
Glycin Glycine	1.0
Histidin Histidine	0.5
Isoleucin Isoleucine	1.0
Leucin Leucine	1.7
Lysin Lysine	1.2
Met + Cyst	0.6
Phenylalanin Phenylalanine	1.0
Phe + Tyr	1.7
Prolin Proline	1.1
Serin Serine	1.1
Threonin Threonine	0.8
Tryptophan	0.3
Valin Valine	1.1

Vitamine pro kg | Vitamins per kg

	Standard	Fortified
Vitamin A	15.000 IE IU	25.000 IE IU
Vitamin D3	600 IE IU	1.000 IE IU
Vitamin B1	18 mg	30 mg
Vitamin B2	12 mg	20 mg
Vitamin B6	9 mg	15 mg
Vitamin B12	24 mcg	40 mcg
Vitamin C	1.294 mg	2.158 mg
Vitamin K3	3 mg	5 mg
Vitamin E	75 mg	125 mg
Folsäure Folic Acid	2 mg	3 mg
Biotin	60 mcg	100 mcg
Nikotinsäure Nicotinic Acid	36 mg	60 mg
Pantothensäure Pantothenic Acid	21 mg	35 mg
Cholinchlorid Choline Chloride	600 mg	1.000 mg

Spurenelemente | Trace Elements [ppm]

Eisen Iron	165
Mangan Manganese	45
Zink Zinc	45
Kupfer Copper	15
Iod Iodine	1.2
Selen Selenium	0.6
Kobalt Cobalt	0.3

Altromin Produkte | Products

3011	Mehlform Meal, fine-grained
3013	Pellets, 4.5 mm
301x N	Nitrosaminarm Deficient in Nitrosamines
Fortified	Autoklavierbar Autoclavable

HALTUNGSDIÄT – MEERSCHWEINCHEN MAINTENANCE DIET – GUINEA PIGS

3020

Rohnährstoffe | Crude Nutrients [%]

Trockensubstanz Dry Matter	89.0
Rohprotein Crude Protein	18.0
Rohfett Crude Fat	4.3
Rohfaser Crude Fibre	14.5
Rohasche Crude Ash	8.5
NfE Stickstoff freie Extraktstoffe Nitrogen Free Extracts	43.7

Mineralstoffe | Minerals [%]

Calcium	0.9
Phosphor Phosphorus	0.7
Magnesium	0.2
Natrium Sodium	0.2
Kalium Potassium	1.2

Umsetzbare Energie | Metabolizable Energy

10.2 MJ/kg (2437 kcal/kg)

Kalorien aus Protein | Calories from protein*

25 %

Kalorien aus Fett | Calories from fat*

14 %

Kalorien aus Kohlenhydraten | Calories from carbohydrates*

61 %

(* berechnet mittels Atwater Faktoren | calculated using Atwater factors)

Aminosäuren | Amino Acids [%]

Alanin Alanine	0.8
Arginin Arginine	1.1
Asparaginsäure Aspartic Acid	1.7
Glutaminsäure Glutamic Acid	2.9
Glycin Glycine	0.8
Histidin Histidine	0.4
Isoleucin Isoleucine	0.7
Leucin Leucine	1.2
Lysin Lysine	0.8
Met + Cyst	0.5
Phenylalanin Phenylalanine	0.7
Phe + Tyr	1.2
Prolin Proline	0.9
Serin Serine	0.8
Threonin Threonine	0.6
Tryptophan	0.2
Valin Valine	0.8

Vitamine pro kg | Vitamins per kg

	Standard	Fortified
Vitamin A	15.000 IE IU	25.000 IE IU
Vitamin D3	600 IE IU	1.000 IE IU
Vitamin B1	18 mg	30 mg
Vitamin B2	12 mg	20 mg
Vitamin B6	9 mg	15 mg
Vitamin B12	24 mcg	40 mcg
Vitamin C	1.294 mg	2.158 mg
Vitamin K3	3 mg	5 mg
Vitamin E	75 mg	125 mg
Folsäure Folic Acid	2 mg	3 mg
Biotin	60 mcg	100 mcg
Nikotinsäure Nicotinic Acid	36 mg	60 mg
Pantothensäure Pantothenic Acid	21 mg	35 mg
Cholinchlorid Choline Chloride	600 mg	1.000 mg

Spurenelemente | Trace Elements [ppm]

Eisen Iron	170
Mangan Manganese	60
Zink Zinc	50
Kupfer Copper	14
Iod Iodine	1.3
Selen Selenium	0.6
Kobalt Cobalt	0.3

Altromin Produkte | Products

3021	Mehlform Meal, fine-grained
3023	Pellets, 4.5 mm
302x N	Nitrosaminarm Deficient in Nitrosamines
Fortified	Autoklavierbar Autoclavable

ZUCHTDIÄT - MEERSCHWEINCHEN BREEDING DIET – GUINEA PIGS

3110

ROHFASERREICH | RICH IN CRUDE FIBRE

Rohnährstoffe | Crude Nutrients [%]

Trockensubstanz Dry Matter	89.0
Rohprotein Crude Protein	15.5
Rohfett Crude Fat	4.0
Rohfaser Crude Fibre	19.5
Rohasche Crude Ash	8.0
NfE Stickstoff freie Extraktstoffe Nitrogen Free Extracts	42.0

Mineralstoffe | Minerals [%]

Calcium	0.8
Phosphor Phosphorus	0.6
Magnesium	0.2
Natrium Sodium	0.2
Kalium Potassium	0.9

Umsetzbare Energie | Metabolizable Energy

9.8 MJ/kg (2341 kcal/kg)

Kalorien aus Protein | Calories from protein*

23 %

Kalorien aus Fett | Calories from fat*

14 %

Kalorien aus Kohlenhydraten | Calories from carbohydrates*

63 %

(* berechnet mittels Atwater Faktoren | calculated using Atwater factors)

Aminosäuren | Amino Acids [%]

Alanin Alanine	0.6
Arginin Arginine	0.8
Asparaginsäure Aspartic Acid	1.2
Glutaminsäure Glutamic Acid	2.0
Glycin Glycine	0.6
Histidin Histidine	0.3
Isoleucin Isoleucine	0.5
Leucin Leucine	0.9
Lysin Lysine	0.6
Met + Cyst	0.3
Phenylalanin Phenylalanine	0.5
Phe + Tyr	0.9
Prolin Proline	0.6
Serin Serine	0.6
Threonin Threonine	0.5
Tryptophan	0.1
Valin Valine	0.6

Vitamine pro kg | Vitamins per kg

	Standard	Fortified
Vitamin A	15.000 IE IU	25.000 IE IU
Vitamin D3	600 IE IU	1.000 IE IU
Vitamin B1	18 mg	30 mg
Vitamin B2	12 mg	20 mg
Vitamin B6	9 mg	15 mg
Vitamin B12	24 mcg	40 mcg
Vitamin C	1.294 mg	2.158 mg
Vitamin K3	3 mg	5 mg
Vitamin E	75 mg	125 mg
Folsäure Folic Acid	2 mg	3 mg
Biotin	60 mcg	100 mcg
Nikotinsäure Nicotinic Acid	36 mg	60 mg
Pantothensäure Pantothenic Acid	21 mg	35 mg
Cholinchlorid Choline Chloride	600 mg	1.000 mg

Spurenelemente | Trace Elements [ppm]

Eisen Iron	150
Mangan Manganese	50
Zink Zinc	45
Kupfer Copper	13
Iod Iodine	1.2
Selen Selenium	0.6
Kobalt Cobalt	0.3

Altromin Produkte | Products

3111	Mehlform Meal, fine-grained
3113	Pellets, 4,5 mm
311x N	Nitrosaminarm Deficient in Nitrosamines
Fortified	Autoklavierbar Autoclavable

HALTUNGSDIÄT - MEERSCHWEINCHEN MAINTENANCE DIET – GUINEA PIGS

3120

ROHFASERREICH | RICH IN CRUDE FIBRE

Rohnährstoffe | Crude Nutrients [%]

Trockensubstanz Dry Matter	89.0
Rohprotein Crude Protein	14.0
Rohfett Crude Fat	4.0
Rohfaser Crude Fibre	19.5
Rohasche Crude Ash	7.5
NfE Stickstoff freie Extraktstoffe Nitrogen Free Extracts	44.0

Mineralstoffe | Minerals [%]

Calcium	0.8
Phosphor Phosphorus	0.6
Magnesium	0.2
Natrium Sodium	0.2
Kalium Potassium	0.9

Umsetzbare Energie | Metabolizable Energy

9.7 MJ/kg (2318 kcal/kg)

Kalorien aus Protein | Calories from protein*

21 %

Kalorien aus Fett | Calories from fat*

13 %

Kalorien aus Kohlenhydraten | Calories from carbohydrates*

66 %

(* berechnet mittels Atwater Faktoren | calculated using Atwater factors)

Aminosäuren | Amino Acids [%]

Alanin Alanine	0.5
Arginin Arginine	0.7
Asparaginsäure Aspartic Acid	1.0
Glutaminsäure Glutamic Acid	1.8
Glycin Glycine	0.5
Histidin Histidine	0.2
Isoleucin Isoleucine	0.4
Leucin Leucine	0.8
Lysin Lysine	0.5
Met + Cyst	0.3
Phenylalanin Phenylalanine	0.4
Phe + Tyr	0.7
Prolin Proline	0.6
Serin Serine	0.5
Threonin Threonine	0.4
Tryptophan	0.1
Valin Valine	0.5

Vitamine pro kg | Vitamins per kg

	Standard	Fortified
Vitamin A	15.000 IE IU	25.000 IE IU
Vitamin D3	600 IE IU	1.000 IE IU
Vitamin B1	18 mg	30 mg
Vitamin B2	12 mg	20 mg
Vitamin B6	9 mg	15 mg
Vitamin B12	24 mcg	40 mcg
Vitamin C	1.294 mg	2.158 mg
Vitamin K3	3 mg	5 mg
Vitamin E	75 mg	125 mg
Folsäure Folic Acid	2 mg	3 mg
Biotin	60 mcg	100 mcg
Nikotinsäure Nicotinic Acid	36 mg	60 mg
Pantothensäure Pantothenic Acid	21 mg	35 mg
Cholinchlorid Choline Chloride	600 mg	1.000 mg

Spurenelemente | Trace Elements [ppm]

Eisen Iron	150
Mangan Manganese	50
Zink Zinc	45
Kupfer Copper	13
Iod Iodine	1.2
Selen Selenium	0.6
Kobalt Cobalt	0.3

Altromin Produkte | Products

3121	Mehlform Meal, fine-grained
3123	Pellets, 4,5 mm
312x N	Nitrosaminarm Deficient in Nitrosamines
Fortified	Autoklavierbar Autoclavable

ZUCHT- / HALTUNGSDIÄT – MEERSCHWEINCHEN 3230

BREEDING / MAINTENANCE DIET – GUINEA PIGS

Rohnährstoffe | Crude Nutrients [%]

Trockensubstanz Dry Matter	89.0
Rohprotein Crude Protein	19.0
Rohfett Crude Fat	5.0
Rohfaser Crude Fibre	16.0
Rohasche Crude Ash	8.0
NfE Stickstoff freie Extraktstoffe Nitrogen Free Extracts	41.0

Mineralstoffe | Minerals [%]

Calcium	0.8
Phosphor Phosphorus	0.6
Magnesium	0.2
Natrium Sodium	0.2
Kalium Potassium	1.2

Umsetzbare Energie | Metabolizable Energy

10.2 MJ/kg (2437 kcal/kg)

Kalorien aus Protein | Calories from protein*

27 %

Kalorien aus Fett | Calories from fat*

16 %

Kalorien aus Kohlenhydraten | Calories from carbohydrates*

57 %

(* berechnet mittels Atwater Faktoren | calculated using Atwater factors)

Aminosäuren | Amino Acids [%]

Alanin Alanine	0.5
Arginin Arginine	1.2
Asparaginsäure Aspartic Acid	1.8
Glutaminsäure Glutamic Acid	2.9
Glycin Glycine	0.8
Histidin Histidine	0.4
Isoleucin Isoleucine	0.7
Leucin Leucine	1.3
Lysin Lysine	0.9
Met + Cyst	0.5
Phenylalanin Phenylalanine	0.8
Phe + Tyr	0.9
Prolin Proline	0.9
Serin Serine	0.8
Threonin Threonine	0.7
Tryptophan	0.2
Valin Valine	0.8

Vitamine pro kg | Vitamins per kg

	Standard	Fortified
Vitamin A	20.000 IE IU	25.000 IE IU
Vitamin D3	800 IE IU	1.000 IE IU
Vitamin B1	24 mg	30 mg
Vitamin B2	16 mg	20 mg
Vitamin B6	12 mg	15 mg
Vitamin B12	32 mcg	40 mcg
Vitamin C	1.726 mg	2.158 mg
Vitamin K3	4 mg	5 mg
Vitamin E	100 mg	125 mg
Folsäure Folic Acid	3 mg	3 mg
Biotin	80 mcg	100 mcg
Nikotinsäure Nicotinic Acid	48 mg	60 mg
Pantothensäure Pantothenic Acid	28 mg	35 mg
Cholinchlorid Choline Chloride	800 mg	1.000 mg

Spurenelemente | Trace Elements [ppm]

Eisen Iron	165
Mangan Manganese	60
Zink Zinc	45
Kupfer Copper	14
Iod Iodine	1.2
Selen Selenium	0.6
Kobalt Cobalt	0.3

Altromin Produkte | Products

3231	Mehlform Meal, fine-grained
3233	Pellets, 4.5 mm
323x N	Nitrosaminarm Deficient in Nitrosamines
Fortified	Autoklavierbar Autoclavable

Rohnährstoffe | Crude Nutrients [%]

Trockensubstanz Dry Matter	88.0
Rohprotein Crude Protein	26.0
Rohfett Crude Fat	6.0
Rohfaser Crude Fibre	4.2
Rohasche Crude Ash	9.2
NfE Stickstoff freie Extraktstoffe Nitrogen Free Extracts	42.6

Mineralstoffe | Minerals [%]

Calcium	1.5
Phosphor Phosphorus	1.1
Magnesium	0.3
Natrium Sodium	0.3
Kalium Potassium	1.0

Umsetzbare Energie | Metabolizable Energy

12.6 MJ/kg (3011 kcal/kg)

Kalorien aus Protein | Calories from protein*

32 %

Kalorien aus Fett | Calories from fat*

16 %

Kalorien aus Kohlenhydraten | Calories from carbohydrates*

52 %

(* berechnet mittels Atwater Faktoren | calculated using Atwater factors)

Aminosäuren | Amino Acids [%]

Alanin Alanine	1.3
Arginin Arginine	1.8
Asparaginsäure Aspartic Acid	2.5
Glutaminsäure Glutamic Acid	5.1
Glycin Glycine	1.3
Histidin Histidine	0.6
Isoleucin Isoleucine	1.1
Leucin Leucine	1.9
Lysin Lysine	1.6
Met + Cyst	0.8
Phenylalanin Phenylalanine	1.1
Phe + Tyr	1.9
Prolin Proline	1.5
Serin Serine	1.3
Threonin Threonine	1.0
Tryptophan	0.3
Valin Valine	1.3

Vitamine pro kg | Vitamins per kg

	Standard	Fortified
Vitamin A	15.000 IE IU	25.000 IE IU
Vitamin D3	600 IE IU	1.000 IE IU
Vitamin B1	18 mg	30 mg
Vitamin B2	12 mg	20 mg
Vitamin B6	9 mg	15 mg
Vitamin B12	24 mcg	40 mcg
Vitamin C	36 mg	58 mg
Vitamin K3	3 mg	5 mg
Vitamin E	75 mg	125 mg
Folsäure Folic Acid	2 mg	3 mg
Biotin	60 mcg	100 mcg
Nikotinsäure Nicotinic Acid	36 mg	60 mg
Pantothensäure Pantothenic Acid	21 mg	35 mg
Cholinchlorid Choline Chloride	600 mg	1.000 mg

Spurenelemente | Trace Elements [ppm]

Eisen Iron	235
Mangan Manganese	70
Zink Zinc	70
Kupfer Copper	15
Iod Iodine	1.7
Selen Selenium	0.7
Kobalt Cobalt	0.3

Altromin Produkte | Products

4011	Mehlform Meal, fine-grained
4014	Pellets, 10 mm
4019	Extrudate Extrudates
401x N	Nitrosaminarm Deficient in Nitrosamines
Fortified	Autoklavierbar Autoclavable

HALTUNGSDIÄT – HUNDE MAINTENANCE DIET – DOGS

4020

Rohnährstoffe | Crude Nutrients [%]

Trockensubstanz Dry Matter	88.0
Rohprotein Crude Protein	22.0
Rohfett Crude Fat	5.0
Rohfaser Crude Fibre	5.5
Rohasche Crude Ash	9.5
NfE Stickstoff freie Extraktstoffe Nitrogen Free Extracts	46.0

Mineralstoffe | Minerals [%]

Calcium	1.5
Phosphor Phosphorus	1.1
Magnesium	0.3
Natrium Sodium	0.3
Kalium Potassium	0.9

Umsetzbare Energie | Metabolizable Energy

12.1 MJ/kg (2891 kcal/kg)

Kalorien aus Protein | Calories from protein*

28 %

Kalorien aus Fett | Calories from fat*

14 %

Kalorien aus Kohlenhydraten | Calories from carbohydrates*

58 %

(* berechnet mittels Atwater Faktoren | calculated using Atwater factors)

Aminosäuren | Amino Acids [%]

Alanin Alanine	1.1
Arginin Arginine	1.5
Asparaginsäure Aspartic Acid	1.9
Glutaminsäure Glutamic Acid	4.3
Glycin Glycine	1.1
Histidin Histidine	0.5
Isoleucin Isoleucine	0.9
Leucin Leucine	1.6
Lysin Lysine	1.2
Met + Cyst	0.8
Phenylalanin Phenylalanine	0.9
Phe + Tyr	1.6
Prolin Proline	1.3
Serin Serine	1.3
Threonin Threonine	0.8
Tryptophan	0.2
Valin Valine	1.0

Vitamine pro kg | Vitamins per kg

	Standard	Fortified
Vitamin A	15.000 IE IU	25.000 IE IU
Vitamin D3	600 IE IU	1.000 IE IU
Vitamin B1	18 mg	30 mg
Vitamin B2	12 mg	20 mg
Vitamin B6	9 mg	15 mg
Vitamin B12	24 mcg	40 mcg
Vitamin C	36 mg	58 mg
Vitamin K3	3 mg	5 mg
Vitamin E	75 mg	125 mg
Folsäure Folic Acid	2 mg	3 mg
Biotin	60 mcg	100 mcg
Nikotinsäure Nicotinic Acid	36 mg	60 mg
Pantothensäure Pantothenic Acid	21 mg	35 mg
Cholinchlorid Choline Chloride	600 mg	1.000 mg

Spurenelemente | Trace Elements [ppm]

Eisen Iron	215
Mangan Manganese	70
Zink Zinc	70
Kupfer Copper	15
Iod Iodine	1.7
Selen Selenium	0.7
Kobalt Cobalt	0.3

Altromin Produkte | Products

4021	Mehlform Meal, fine-grained
4024	Pellets, 10 mm
4029	Extrudate Extrudates
402x N	Nitrosaminarm Deficient in Nitrosamines
Fortified	Autoklavierbar Autoclavable

Rohnährstoffe | Crude Nutrients [%]

Trockensubstanz Dry Matter	88.0
Rohprotein Crude Protein	24.0
Rohfett Crude Fat	5.5
Rohfaser Crude Fibre	4.0
Rohasche Crude Ash	9.5
NfE Stickstoff freie Extraktstoffe Nitrogen Free Extracts	45.0

Mineralstoffe | Minerals [%]

Calcium	1.4
Phosphor Phosphorus	1.1
Magnesium	0.2
Natrium Sodium	0.3
Kalium Potassium	0.9

Umsetzbare Energie | Metabolizable Energy

12.5 MJ/kg (2987 kcal/kg)

Kalorien aus Protein | Calories from protein*

30 %

Kalorien aus Fett | Calories from fat*

15 %

Kalorien aus Kohlenhydraten | Calories from carbohydrates*

55 %

(* berechnet mittels Atwater Faktoren | calculated using Atwater factors)

Aminosäuren | Amino Acids [%]

Alanin Alanine	1.2
Arginin Arginine	1.5
Asparaginsäure Aspartic Acid	2.1
Glutaminsäure Glutamic Acid	4.7
Glycin Glycine	1.2
Histidin Histidine	0.6
Isoleucin Isoleucine	1.0
Leucin Leucine	1.8
Lysin Lysine	1.4
Met + Cyst	0.8
Phenylalanin Phenylalanine	1.0
Phe + Tyr	1.7
Prolin Proline	1.4
Serin Serine	1.2
Threonin Threonine	0.9
Tryptophan	0.3
Valin Valine	1.1

Vitamine pro kg | Vitamins per kg

	Standard	Fortified
Vitamin A	15.000 IE IU	25.000 IE IU
Vitamin D3	600 IE IU	1.000 IE IU
Vitamin B1	18 mg	30 mg
Vitamin B2	12 mg	20 mg
Vitamin B6	9 mg	15 mg
Vitamin B12	24 mcg	40 mcg
Vitamin C	36 mg	58 mg
Vitamin K3	3 mg	5 mg
Vitamin E	75 mg	125 mg
Folsäure Folic Acid	2 mg	3 mg
Biotin	60 mcg	100 mcg
Nikotinsäure Nicotinic Acid	36 mg	60 mg
Pantothensäure Pantothenic Acid	21 mg	35 mg
Cholinchlorid Choline Chloride	600 mg	1.000 mg

Spurenelemente | Trace Elements [ppm]

Eisen Iron	225
Mangan Manganese	65
Zink Zinc	70
Kupfer Copper	15
Iod Iodine	1.8
Selen Selenium	0.7
Kobalt Cobalt	0.3

Altromin Produkte | Products

4131	Mehlform Meal, fine-grained
4134	Pellets, 10 mm
4139	Extrudate Extrudates
413x N	Nitrosaminarm Deficient in Nitrosamines
Fortified	Autoklavierbar Autoclavable

ZUCHTDIÄT – PRIMATEN BREEDING DIET – NON-HUMAN PRIMATES

6010

Rohnährstoffe | Crude Nutrients [%]

Trockensubstanz Dry Matter	88.0
Rohprotein Crude Protein	25.0
Rohfett Crude Fat	5.5
Rohfaser Crude Fibre	4.5
Rohasche Crude Ash	7.0
NfE Stickstoff freie Extraktstoffe Nitrogen Free Extracts	46.0

Mineralstoffe | Minerals [%]

Calcium	0.9
Phosphor Phosphorus	0.7
Magnesium	0.3
Natrium Sodium	0.2
Kalium Potassium	1.1

Umsetzbare Energie | Metabolizable Energy

12.6 MJ/kg (3011 kcal/kg)

Kalorien aus Protein Calories from protein*	30 %
Kalorien aus Fett Calories from fat*	15 %
Kalorien aus Kohlenhydraten Calories from carbohydrates*	55 %

(* berechnet mittels Atwater Faktoren | calculated using Atwater factors)

Aminosäuren | Amino Acids [%]

Alanin Alanine	1.1
Arginin Arginine	1.8
Asparaginsäure Aspartic Acid	2.6
Glutaminsäure Glutamic Acid	5.1
Glycin Glycine	1.1
Histidin Histidine	0.6
Isoleucin Isoleucine	1.1
Leucin Leucine	1.9
Lysin Lysine	1.4
Met + Cyst	0.7
Phenylalanin Phenylalanine	1.1
Phe + Tyr	1.9
Prolin Proline	1.4
Serin Serine	1.3
Threonin Threonine	0.9
Tryptophan	0.3
Valin Valine	1.2

Vitamine pro kg | Vitamins per kg

	Standard	Fortified
Vitamin A	20.000 IE IU	25.000 IE IU
Vitamin D3	800 IE IU	1.000 IE IU
Vitamin B1	24 mg	30 mg
Vitamin B2	16 mg	20 mg
Vitamin B6	12 mg	15 mg
Vitamin B12	32 mcg	40 mcg
Vitamin C	2.006 mg	2.508 mg
Vitamin K3	4 mg	5 mg
Vitamin E	100 mg	125 mg
Folsäure Folic Acid	3 mg	3 mg
Biotin	80 mcg	100 mcg
Nikotinsäure Nicotinic Acid	48 mg	60 mg
Pantothensäure Pantothenic Acid	28 mg	35 mg
Cholinchlorid Choline Chloride	800 mg	1.000 mg

Spurenelemente | Trace Elements [ppm]

Eisen Iron	160
Mangan Manganese	60
Zink Zinc	65
Kupfer Copper	16
Iod Iodine	1.3
Selen Selenium	0.6
Kobalt Cobalt	0.3

Altromin Produkte | Products

6011	Mehlform Meal, fine-grained
6014	Pellets, 10 mm
6019	Extrudate Extrudates
601x N	Nitrosaminarm Deficient in Nitrosamines
Fortified	Autoklavierbar Autoclavable

HALTUNGSDIÄT – PRIMATEN MAINTENANCE DIET – NON-HUMAN PRIMATES

6020

Rohnährstoffe | Crude Nutrients [%]

Trockensubstanz Dry Matter	88.0
Rohprotein Crude Protein	22.0
Rohfett Crude Fat	4.5
Rohfaser Crude Fibre	4.5
Rohasche Crude Ash	7.0
NfE Stickstoff freie Extraktstoffe Nitrogen Free Extracts	50.0

Mineralstoffe | Minerals [%]

Calcium	0.9
Phosphor Phosphorus	0.7
Magnesium	0.2
Natrium Sodium	0.2
Kalium Potassium	1.0

Umsetzbare Energie | Metabolizable Energy

12.4 MJ/kg (2963 kcal/kg)

Kalorien aus Protein | Calories from protein*

27 %

Kalorien aus Fett | Calories from fat*

12 %

Kalorien aus Kohlenhydraten | Calories from carbohydrates*

61 %

(* berechnet mittels Atwater Faktoren | calculated using Atwater factors)

Aminosäuren | Amino Acids [%]

Alanin Alanine	1.0
Arginin Arginine	1.6
Asparaginsäure Aspartic Acid	2.1
Glutaminsäure Glutamic Acid	4.7
Glycin Glycine	1.0
Histidin Histidine	0.5
Isoleucin Isoleucine	0.9
Leucin Leucine	1.7
Lysin Lysine	1.1
Met + Cyst	0.7
Phenylalanin Phenylalanine	1.0
Phe + Tyr	1.7
Prolin Proline	1.4
Serin Serine	1.1
Threonin Threonine	0.8
Tryptophan	0.3
Valin Valine	1.1

Vitamine pro kg | Vitamins per kg

	Standard	Fortified
Vitamin A	20.000 IE IU	25.000 IE IU
Vitamin D3	800 IE IU	1.000 IE IU
Vitamin B1	24 mg	30 mg
Vitamin B2	16 mg	20 mg
Vitamin B6	12 mg	15 mg
Vitamin B12	32 mcg	40 mcg
Vitamin C	2.006 mg	2.508 mg
Vitamin K3	4 mg	5 mg
Vitamin E	100 mg	125 mg
Folsäure Folic Acid	3 mg	3 mg
Biotin	80 mcg	100 mcg
Nikotinsäure Nicotinic Acid	48 mg	60 mg
Pantothensäure Pantothenic Acid	28 mg	35 mg
Cholinchlorid Choline Chloride	800 mg	1.000 mg

Spurenelemente | Trace Elements [ppm]

Eisen Iron	160
Mangan Manganese	70
Zink Zinc	70
Kupfer Copper	15
Iod Iodine	1.4
Selen Selenium	0.6
Kobalt Cobalt	0.3

Altromin Produkte | Products

6021	Mehlform Meal, fine-grained
6024	Pellets, 10 mm
6029	Extrudate Extrudates
602x N	Nitrosaminarm Deficient in Nitrosamines
Fortified	Autoklavierbar Autoclavable

Rohnährstoffe | Crude Nutrients [%]

Trockensubstanz Dry Matter	88.0
Rohprotein Crude Protein	25.0
Rohfett Crude Fat	6.0
Rohfaser Crude Fibre	5.0
Rohasche Crude Ash	9.5
NfE Stickstoff freie Extraktstoffe Nitrogen Free Extracts	42.5

Mineralstoffe | Minerals [%]

Calcium	1.7
Phosphor Phosphorus	1.0
Magnesium	0.2
Natrium Sodium	0.2
Kalium Potassium	1.0

Umsetzbare Energie | Metabolizable Energy

12.4 MJ/kg (2963 kcal/kg)

Kalorien aus Protein | Calories from protein*

31 %

Kalorien aus Fett | Calories from fat*

17 %

Kalorien aus Kohlenhydraten | Calories from carbohydrates*

52 %

(* berechnet mittels Atwater Faktoren | calculated using Atwater factors)

Aminosäuren | Amino Acids [%]

Alanin Alanine	1.1
Arginin Arginine	1.9
Asparaginsäure Aspartic Acid	2.6
Glutaminsäure Glutamic Acid	5.1
Glycin Glycine	1.0
Histidin Histidine	0.6
Isoleucin Isoleucine	1.1
Leucin Leucine	1.9
Lysin Lysine	1.5
Met + Cyst	0.6
Phenylalanin Phenylalanine	1.1
Phe + Tyr	1.9
Prolin Proline	1.3
Serin Serine	1.3
Threonin Threonine	0.9
Tryptophan	0.3
Valin Valine	1.2

Vitamine pro kg | Vitamins per kg

	Standard	Fortified
Vitamin A	15.000 IE IU	25.000 IE IU
Vitamin D3	600 IE IU	1.000 IE IU
Vitamin B1	18 mg	30 mg
Vitamin B2	12 mg	20 mg
Vitamin B6	9 mg	15 mg
Vitamin B12	24 mcg	40 mcg
Vitamin C	664 mg	1.108 mg
Vitamin K3	3 mg	5 mg
Vitamin E	675 mg	1.125 mg
Folsäure Folic Acid	2 mg	3 mg
Biotin	60 mcg	100 mcg
Nikotinsäure Nicotinic Acid	36 mg	60 mg
Pantothensäure Pantothenic Acid	21 mg	35 mg
Cholinchlorid Choline Chloride	600 mg	1.000 mg

Spurenelemente | Trace Elements [ppm]

Eisen Iron	130
Mangan Manganese	35
Zink Zinc	45
Kupfer Copper	14
Iod Iodine	1.2
Selen Selenium	0.6
Kobalt Cobalt	0.4

Altromin Produkte | Products

6831	Mehlform Meal, fine-grained
6834	Pellets, 10 mm
683x N	Nitrosaminarm Deficient in Nitrosamines
Fortified	Autoklavierbar Autoclavable

Rohnährstoffe | Crude Nutrients [%]

Trockensubstanz Dry Matter	89.0
Rohprotein Crude Protein	23.0
Rohfett Crude Fat	5.0
Rohfaser Crude Fibre	4.2
Rohasche Crude Ash	6.5
NfE Stickstoff freie Extraktstoffe Nitrogen Free Extracts	50.3

Mineralstoffe | Minerals [%]

Calcium	0.9
Phosphor Phosphorus	0.8
Magnesium	0.2
Natrium Sodium	0.2
Kalium Potassium	1.0

Umsetzbare Energie | Metabolizable Energy

12.6 MJ/kg (3011 kcal/kg)

Kalorien aus Protein | Calories from protein*

27 %

Kalorien aus Fett | Calories from fat*

13 %

Kalorien aus Kohlenhydraten | Calories from carbohydrates*

60 %

(* berechnet mittels Atwater Faktoren | calculated using Atwater factors)

Aminosäuren | Amino Acids [%]

Alanin Alanine	1.1
Arginin Arginine	1.4
Asparaginsäure Aspartic Acid	2.3
Glutaminsäure Glutamic Acid	4.3
Glycin Glycine	0.9
Histidin Histidine	0.5
Isoleucin Isoleucine	1.1
Leucin Leucine	1.8
Lysin Lysine	1.1
Met + Cyst	0.7
Phenylalanin Phenylalanine	1.1
Phe + Tyr	2.0
Prolin Proline	1.4
Serin Serine	1.1
Threonin Threonine	0.8
Tryptophan	0.2
Valin Valine	1.1

Vitamine pro kg | Vitamins per kg

	Standard	Fortified
Vitamin A	15.000 IE IU	25.000 IE IU
Vitamin D3	600 IE IU	1.000 IE IU
Vitamin B1	18 mg	30 mg
Vitamin B2	12 mg	20 mg
Vitamin B6	9 mg	15 mg
Vitamin B12	24 mcg	40 mcg
Vitamin C	36 mg	58 mg
Vitamin K3	3 mg	5 mg
Vitamin E	75 mg	125 mg
Folsäure Folic Acid	2 mg	3 mg
Biotin	60 mcg	100 mcg
Nikotinsäure Nicotinic Acid	36 mg	60 mg
Pantothensäure Pantothenic Acid	21 mg	35 mg
Cholinchlorid Choline Chloride	600 mg	1.000 mg

Spurenelemente | Trace Elements [ppm]

Eisen Iron	160
Mangan Manganese	55
Zink Zinc	60
Kupfer Copper	14
Iod Iodine	1.3
Selen Selenium	0.6
Kobalt Cobalt	0.3

Altromin Produkte | Products

7011	Mehlform Meal, fine-grained
7014	Pellets, 10 mm
7019	Extrudate Extrudates
701x N	Nitrosaminarm Deficient in Nitrosamines
Fortified	Autoklavierbar Autoclavable

HALTUNGSDIÄT – HAMSTER MAINTENANCE DIET - HAMSTERS

7020

Rohnährstoffe | Crude Nutrients [%]

Trockensubstanz Dry Matter	89.0
Rohprotein Crude Protein	19.0
Rohfett Crude Fat	4.2
Rohfaser Crude Fibre	5.8
Rohasche Crude Ash	7.2
NfE Stickstoff freie Extraktstoffe Nitrogen Free Extracts	52.8

Mineralstoffe | Minerals [%]

Calcium	0.9
Phosphor Phosphorus	0.7
Magnesium	0.4
Natrium Sodium	0.2
Kalium Potassium	1.0

Umsetzbare Energie | Metabolizable Energy

12.0 MJ/kg (2868 kcal/kg)

Kalorien aus Protein | Calories from protein*

22 %

Kalorien aus Fett | Calories from fat*

12 %

Kalorien aus Kohlenhydraten | Calories from carbohydrates*

65 %

(* berechnet mittels Atwater Faktoren | calculated using Atwater factors)

Aminosäuren | Amino Acids [%]

Alanin Alanine	1.0
Arginin Arginine	1.3
Asparaginsäure Aspartic Acid	1.8
Glutaminsäure Glutamic Acid	3.7
Glycin Glycine	0.9
Histidin Histidine	0.4
Isoleucin Isoleucine	0.9
Leucin Leucine	1.4
Lysin Lysine	0.9
Met + Cyst	0.6
Phenylalanin Phenylalanine	0.8
Phe + Tyr	1.5
Prolin Proline	1.1
Serin Serine	0.9
Threonin Threonine	0.7
Tryptophan	0.2
Valin Valine	0.9

Vitamine pro kg | Vitamins per kg

	Standard	Fortified
Vitamin A	15.000 IE IU	25.000 IE IU
Vitamin D3	600 IE IU	1.000 IE IU
Vitamin B1	18 mg	30 mg
Vitamin B2	12 mg	20 mg
Vitamin B6	9 mg	15 mg
Vitamin B12	24 mcg	40 mcg
Vitamin C	36 mg	58 mg
Vitamin K3	3 mg	5 mg
Vitamin E	75 mg	125 mg
Folsäure Folic Acid	2 mg	3 mg
Biotin	60 mcg	100 mcg
Nikotinsäure Nicotinic Acid	36 mg	60 mg
Pantothensäure Pantothenic Acid	21 mg	35 mg
Cholinchlorid Choline Chloride	600 mg	1.000 mg

Spurenelemente | Trace Elements [ppm]

Eisen Iron	170
Mangan Manganese	70
Zink Zinc	75
Kupfer Copper	13
Iod Iodine	1.5
Selen Selenium	0.6
Kobalt Cobalt	0.3

Altromin Produkte | Products

7021	Mehlform Meal, fine-grained
7024	Pellets, 10 mm
7029	Extrudate Extrudates
702x N	Nitrosaminarm Deficient in Nitrosamines
Fortified	Autoklavierbar Autoclavable

Rohnährstoffe | Crude Nutrients [%]

Trockensubstanz Dry Matter	88.0
Rohprotein Crude Protein	15.5
Rohfett Crude Fat	2.5
Rohfaser Crude Fibre	7.0
Rohasche Crude Ash	7.0
NfE Stickstoff freie Extraktstoffe Nitrogen Free Extracts	56.0

Mineralstoffe | Minerals [%]

Calcium	1.0
Phosphor Phosphorus	0.7
Magnesium	0.3
Natrium Sodium	0.2
Kalium Potassium	0.8

Umsetzbare Energie | Metabolizable Energy

11.5 MJ/kg (2748 kcal/kg)

Kalorien aus Protein | Calories from protein*

20 %

Kalorien aus Fett | Calories from fat*

7 %

Kalorien aus Kohlenhydraten | Calories from carbohydrates*

73 %

(* berechnet mittels Atwater Faktoren | calculated using Atwater factors)

Aminosäuren | Amino Acids [%]

Alanin Alanine	0.7
Arginin Arginine	0.9
Asparaginsäure Aspartic Acid	1.1
Glutaminsäure Glutamic Acid	3.2
Glycin Glycine	0.7
Histidin Histidine	0.3
Isoleucin Isoleucine	0.6
Leucin Leucine	1.0
Lysin Lysine	0.6
Met + Cyst	0.6
Phenylalanin Phenylalanine	0.6
Phe + Tyr	1.0
Prolin Proline	1.0
Serin Serine	0.7
Threonin Threonine	0.5
Tryptophan	0.2
Valin Valine	0.7

Vitamine pro kg | Vitamins per kg

	Standard	Fortified
Vitamin A	15.000 IE IU	25.000 IE IU
Vitamin D3	600 IE IU	1.000 IE IU
Vitamin B1	18 mg	30 mg
Vitamin B2	12 mg	20 mg
Vitamin B6	9 mg	15 mg
Vitamin B12	24 mcg	40 mcg
Vitamin C	36 mg	58 mg
Vitamin K3	3 mg	5 mg
Vitamin E	75 mg	125 mg
Folsäure Folic Acid	2 mg	3 mg
Biotin	60 mcg	100 mcg
Nikotinsäure Nicotinic Acid	36 mg	60 mg
Pantothensäure Pantothenic Acid	21 mg	35 mg
Cholinchlorid Choline Chloride	600 mg	1.000 mg

Spurenelemente | Trace Elements [ppm]

Eisen Iron	165
Mangan Manganese	40
Zink Zinc	80
Kupfer Copper	14
Iod Iodine	1.6
Selen Selenium	0.6
Kobalt Cobalt	0.3

Altromin Produkte | Products

9011	Mehlform Meal, fine-grained
9013	Pellets, 4.5 mm
901x N	Nitrosaminarm Deficient in Nitrosamines
Fortified	Autoklavierbar Autoclavable

Rohnährstoffe | Crude Nutrients [%]

Trockensubstanz Dry Matter	88.0
Rohprotein Crude Protein	13.5
Rohfett Crude Fat	2.5
Rohfaser Crude Fibre	13.0
Rohasche Crude Ash	7.5
NfE Stickstoff freie Extraktstoffe Nitrogen Free Extracts	51.5

Mineralstoffe | Minerals [%]

Calcium	1.0
Phosphor Phosphorus	0.7
Magnesium	0.3
Natrium Sodium	0.2
Kalium Potassium	0.6

Umsetzbare Energie | Metabolizable Energy

10.5 MJ/kg (2509 kcal/kg)

Kalorien aus Protein | Calories from protein*

19 %

Kalorien aus Fett | Calories from fat*

8 %

Kalorien aus Kohlenhydraten | Calories from carbohydrates*

73 %

(* berechnet mittels Atwater Faktoren | calculated using Atwater factors)

Aminosäuren | Amino Acids [%]

Alanin Alanine	0.5
Arginin Arginine	0.6
Asparaginsäure Aspartic Acid	0.9
Glutaminsäure Glutamic Acid	2.4
Glycin Glycine	0.6
Histidin Histidine	0.2
Isoleucin Isoleucine	0.4
Leucin Leucine	0.8
Lysin Lysine	0.4
Met + Cyst	0.4
Phenylalanin Phenylalanine	0.4
Phe + Tyr	0.7
Prolin Proline	0.8
Serin Serine	0.5
Threonin Threonine	0.4
Tryptophan	0.1
Valin Valine	0.5

Vitamine pro kg | Vitamins per kg

	Standard	Fortified
Vitamin A	15.000 IE IU	25.000 IE IU
Vitamin D3	600 IE IU	1.000 IE IU
Vitamin B1	18 mg	30 mg
Vitamin B2	12 mg	20 mg
Vitamin B6	9 mg	15 mg
Vitamin B12	24 mcg	40 mcg
Vitamin C	36 mg	58 mg
Vitamin K3	3 mg	5 mg
Vitamin E	75 mg	125 mg
Folsäure Folic Acid	2 mg	3 mg
Biotin	60 mcg	100 mcg
Nikotinsäure Nicotinic Acid	36 mg	60 mg
Pantothensäure Pantothenic Acid	21 mg	35 mg
Cholinchlorid Choline Chloride	600 mg	1.000 mg

Spurenelemente | Trace Elements [ppm]

Eisen Iron	150
Mangan Manganese	75
Zink Zinc	65
Kupfer Copper	13
Iod Iodine	1.4
Selen Selenium	0.6
Kobalt Cobalt	0.3

Altromin Produkte | Products

9021	Mehlform Meal, fine-grained
9023	Pellets, 4.5 mm
902x N	Nitrosaminarm Deficient in Nitrosamines
Fortified	Autoklavierbar Autoclavable

ZUCHTDIÄT – MINIATURSCHWEINE BREEDING DIET – MINIPIGS

9030

ENERGIEREICH | HIGH-ENERGY

Rohnährstoffe | Crude Nutrients [%]

Trockensubstanz Dry Matter	88.0
Rohprotein Crude Protein	20.5
Rohfett Crude Fat	4.0
Rohfaser Crude Fibre	5.0
Rohasche Crude Ash	6.0
NfE Stickstoff freie Extraktstoffe Nitrogen Free Extracts	52.5

Mineralstoffe | Minerals [%]

Calcium	0.9
Phosphor Phosphorus	0.6
Magnesium	0.2
Natrium Sodium	0.2
Kalium Potassium	1.0

Umsetzbare Energie | Metabolizable Energy

12.1 MJ/kg (2891 kcal/kg)

Kalorien aus Protein | Calories from protein*

25 %

Kalorien aus Fett | Calories from fat*

11 %

Kalorien aus Kohlenhydraten | Calories from carbohydrates*

64 %

(* berechnet mittels Atwater Faktoren | calculated using Atwater factors)

Aminosäuren | Amino Acids [%]

Alanin Alanine	0.9
Arginin Arginine	1.3
Asparaginsäure Aspartic Acid	1.9
Glutaminsäure Glutamic Acid	4.1
Glycin Glycine	0.9
Histidin Histidine	0.5
Isoleucin Isoleucine	0.8
Leucin Leucine	1.5
Lysin Lysine	1.0
Met + Cyst	0.7
Phenylalanin Phenylalanine	0.9
Phe + Tyr	1.6
Prolin Proline	1.3
Serin Serine	1.0
Threonin Threonine	0.7
Tryptophan	0.2
Valin Valine	1.0

Vitamine pro kg | Vitamins per kg

	Standard	Fortified
Vitamin A	15.000 IE IU	25.000 IE IU
Vitamin D3	600 IE IU	1.000 IE IU
Vitamin B1	18 mg	30 mg
Vitamin B2	12 mg	20 mg
Vitamin B6	9 mg	15 mg
Vitamin B12	24 mcg	40 mcg
Vitamin C	36 mg	58 mg
Vitamin K3	3 mg	5 mg
Vitamin E	75 mg	125 mg
Folsäure Folic Acid	2 mg	3 mg
Biotin	60 mcg	100 mcg
Nikotinsäure Nicotinic Acid	36 mg	60 mg
Pantothensäure Pantothenic Acid	21 mg	35 mg
Cholinchlorid Choline Chloride	600 mg	1.000 mg

Spurenelemente | Trace Elements [ppm]

Eisen Iron	160
Mangan Manganese	70
Zink Zinc	70
Kupfer Copper	14
Iod Iodine	1.4
Selen Selenium	0.6
Kobalt Cobalt	0.3

Altromin Produkte | Products

9031	Mehlform Meal, fine-grained
9033	Pellets, 4,5 mm
903x N	Nitrosaminarm Deficient in Nitrosamines
Fortified	Autoklavierbar Autoclavable

HALTUNGSDIÄT – MINIATURSCHWEINE MAINTENANCE DIET – MINIPIGS

9050

ROHFASERREICH | RICH IN CRUDE FIBRE

Rohnährstoffe | Crude Nutrients [%]

Trockensubstanz Dry Matter	88.0
Rohprotein Crude Protein	10.5
Rohfett Crude Fat	2.3
Rohfaser Crude Fibre	25.0
Rohasche Crude Ash	7.7
NfE Stickstoff freie Extraktstoffe Nitrogen Free Extracts	42.5

Mineralstoffe | Minerals [%]

Calcium	1.0
Phosphor Phosphorus	0.6
Magnesium	0.2
Natrium Sodium	0.2
Kalium Potassium	0.3

Umsetzbare Energie | Metabolizable Energy

6.8 MJ/kg (1625 kcal/kg)

Kalorien aus Protein | Calories from protein*

18 %

Kalorien aus Fett | Calories from fat*

9 %

Kalorien aus Kohlenhydraten | Calories from carbohydrates*

73 %

(* berechnet mittels Atwater Faktoren | calculated using Atwater factors)

Aminosäuren | Amino Acids [%]

Alanin Alanine	0.3
Arginin Arginine	0.2
Asparaginsäure Aspartic Acid	0.3
Glutaminsäure Glutamic Acid	0.9
Glycin Glycine	0.3
Histidin Histidine	0.1
Isoleucin Isoleucine	0.1
Leucin Leucine	0.3
Lysin Lysine	0.2
Met + Cyst	0.2
Phenylalanin Phenylalanine	0.2
Phe + Tyr	0.2
Prolin Proline	0.3
Serin Serine	0.2
Threonin Threonine	0.2
Tryptophan	0.1
Valin Valine	0.2

Vitamine pro kg | Vitamins per kg

	Standard	Fortified
Vitamin A	10.000 IE IU	12.500 IE IU
Vitamin D3	400 IE IU	500 IE IU
Vitamin B1	12 mg	15 mg
Vitamin B2	8 mg	10 mg
Vitamin B6	6 mg	7.5 mg
Vitamin B12	16 mcg	20 mcg
Vitamin C	23 mg	29 mg
Vitamin K3	2 mg	3 mg
Vitamin E	50 mg	62 mg
Folsäure Folic Acid	1 mg	1.5 mg
Biotin	40 mcg	50 mcg
Nikotinsäure Nicotinic Acid	24 mg	30 mg
Pantothensäure Pantothenic Acid	14 mg	17 mg
Cholinchlorid Choline Chloride	400 mg	500 mg

Spurenelemente | Trace Elements [ppm]

Eisen Iron	120
Mangan Manganese	50
Zink Zinc	40
Kupfer Copper	10
Iod Iodine	1.2
Selen Selenium	0.5
Kobalt Cobalt	0.3

Altromin Produkte | Products

9051	Mehlform Meal, fine-grained
9053	Pellets, 4.5 mm
905x N	Nitrosaminarm Deficient in Nitrosamines
Fortified	Autoklavierbar Autoclavable

Rohnährstoffe | Crude Nutrients [%]

Trockensubstanz Dry Matter	88.0
Rohprotein Crude Protein	17.5
Rohfett Crude Fat	2.5
Rohfaser Crude Fibre	14.0
Rohasche Crude Ash	8.5
NfE Stickstoff freie Extraktstoffe Nitrogen Free Extracts	45.5

Mineralstoffe | Minerals [%]

Calcium	0.9
Phosphor Phosphorus	0.6
Magnesium	0.3
Natrium Sodium	0.2
Kalium Potassium	1.3

Umsetzbare Energie | Metabolizable Energy

11.2 MJ/kg (2676 kcal/kg)

Kalorien aus Protein | Calories from protein*

26 %

Kalorien aus Fett | Calories from fat*

8 %

Kalorien aus Kohlenhydraten | Calories from carbohydrates*

66 %

(* berechnet mittels Atwater Faktoren | calculated using Atwater factors)

Aminosäuren | Amino Acids [%]

Alanin Alanine	0.8
Arginin Arginine	1.0
Asparaginsäure Aspartic Acid	1.6
Glutaminsäure Glutamic Acid	2.8
Glycin Glycine	0.8
Histidin Histidine	0.4
Isoleucin Isoleucine	0.7
Leucin Leucine	1.2
Lysin Lysine	0.8
Met + Cyst	0.5
Phenylalanin Phenylalanine	0.7
Phe + Tyr	1.2
Prolin Proline	0.9
Serin Serine	0.8
Threonin Threonine	0.6
Tryptophan	0.2
Valin Valine	0.8

Vitamine pro kg | Vitamins per kg

	Standard	Fortified
Vitamin A	15.000 IE IU	25.000 IE IU
Vitamin D3	600 IE IU	1.000 IE IU
Vitamin B1	18 mg	30 mg
Vitamin B2	12 mg	20 mg
Vitamin B6	9 mg	15 mg
Vitamin B12	24 mcg	40 mcg
Vitamin C	36 mg	58 mg
Vitamin K3	3 mg	5 mg
Vitamin E	75 mg	125 mg
Folsäure Folic Acid	2 mg	3 mg
Biotin	60 mcg	100 mcg
Nikotinsäure Nicotinic Acid	36 mg	60 mg
Pantothensäure Pantothenic Acid	21 mg	35 mg
Cholinchlorid Choline Chloride	600 mg	1.000 mg

Spurenelemente | Trace Elements [ppm]

Eisen Iron	180
Mangan Manganese	70
Zink Zinc	60
Kupfer Copper	9
Iod Iodine	1.3
Selen Selenium	0.6
Kobalt Cobalt	0.3

Altromin Produkte | Products

0131	Mehlform Meal, fine-grained
0133	Pellets, 4,5 mm
013x N	Nitrosaminarm Deficient in Nitrosamines
Fortified	Autoklavierbar Autoclavable

ZUCHT- / HALTUNGSDIÄT – MARMOSETTEN BREEDING / MAINTENANCE DIET – MARMOSETS

0630

Rohnährstoffe | Crude Nutrients [%]

Trockensubstanz Dry Matter	88.0
Rohprotein Crude Protein	23.0
Rohfett Crude Fat	7.0
Rohfaser Crude Fibre	3.5
Rohasche Crude Ash	6.5
NfE Stickstoff freie Extraktstoffe Nitrogen Free Extracts	48.0

Mineralstoffe | Minerals [%]

Calcium	0.8
Phosphor Phosphorus	0.6
Magnesium	0.2
Natrium Sodium	0.2
Kalium Potassium	1.0

Umsetzbare Energie | Metabolizable Energy

13.2 MJ/kg (3154 kcal/kg)

Kalorien aus Protein | Calories from protein*

27 %

Kalorien aus Fett | Calories from fat*

18 %

Kalorien aus Kohlenhydraten | Calories from carbohydrates*

55 %

(* berechnet mittels Atwater Faktoren | calculated using Atwater factors)

Aminosäuren | Amino Acids [%]

Alanin Alanine	1.0
Arginin Arginine	1.7
Asparaginsäure Aspartic Acid	2.4
Glutaminsäure Glutamic Acid	4.7
Glycin Glycine	1.0
Histidin Histidine	0.5
Isoleucin Isoleucine	1.0
Leucin Leucine	1.7
Lysin Lysine	1.3
Met + Cyst	0.8
Phenylalanin Phenylalanine	1.1
Phe + Tyr	1.9
Prolin Proline	1.3
Serin Serine	1.2
Threonin Threonine	0.8
Tryptophan	0.3
Valin Valine	1.1

Vitamine pro kg | Vitamins per kg

	Standard	Fortified
Vitamin A	40.000 IE IU	50.000 IE IU
Vitamin D3	2.000 IE IU	2.500 IE IU
Vitamin B1	63 mg	79 mg
Vitamin B2	40 mg	49 mg
Vitamin B6	32 mg	39 mg
Vitamin B12	96 mcg	120 mcg
Vitamin C	1.773 mg	2.217 mg
Vitamin K3	10 mg	14 mg
Vitamin E	200 mg	250 mg
Folsäure Folic Acid	5 mg	6 mg
Biotin	224 mcg	280 mcg
Nikotinsäure Nicotinic Acid	130 mg	130 mg
Pantothensäure Pantothenic Acid	80 mg	100 mg
Cholinchlorid Choline Chloride	1.600 mg	2.000 mg

Spurenelemente | Trace Elements [ppm]

Eisen Iron	140
Mangan Manganese	45
Zink Zinc	55
Kupfer Copper	14
Iod Iodine	1.3
Selen Selenium	0.6
Kobalt Cobalt	0.3

Altromin Produkte | Products

0631	Mehlform Meal, fine-grained
0633	Pellets, 4.5 mm
063x N	Nitrosaminarm Deficient in Nitrosamines
Fortified	Autoklavierbar Autoclavable

Rohnährstoffe | Crude Nutrients [%]

Trockensubstanz Dry Matter	88.0
Rohprotein Crude Protein	29.5
Rohfett Crude Fat	3.5
Rohfaser Crude Fibre	5.5
Rohasche Crude Ash	12.5
NfE Stickstoff freie Extraktstoffe Nitrogen Free Extracts	37.0

Mineralstoffe | Minerals [%]

Calcium	3.2
Phosphor Phosphorus	0.7
Magnesium	0.2
Natrium Sodium	0.2
Kalium Potassium	1.3

Umsetzbare Energie | Metabolizable Energy

10.5 MJ/kg (2509 kcal/kg)

Kalorien aus Protein | Calories from protein*

40 %

Kalorien aus Fett | Calories from fat*

10 %

Kalorien aus Kohlenhydraten | Calories from carbohydrates*

50 %

(* berechnet mittels Atwater Faktoren | calculated using Atwater factors)

Aminosäuren | Amino Acids [%]

Alanin Alanine	1.3
Arginin Arginine	2.2
Asparaginsäure Aspartic Acid	3.4
Glutaminsäure Glutamic Acid	5.5
Glycin Glycine	1.2
Histidin Histidine	0.7
Isoleucin Isoleucine	1.4
Leucin Leucine	2.3
Lysin Lysine	1.7
Met + Cyst	0.8
Phenylalanin Phenylalanine	1.4
Phe + Tyr	2.4
Prolin Proline	1.6
Serin Serine	1.5
Threonin Threonine	1.1
Tryptophan	0.4
Valin Valine	1.4

Vitamine pro kg | Vitamins per kg

	Standard	Fortified
Vitamin A	15.000 IE IU	25.000 IE IU
Vitamin D3	600 IE IU	1.000 IE IU
Vitamin B1	18 mg	30 mg
Vitamin B2	12 mg	20 mg
Vitamin B6	9 mg	15 mg
Vitamin B12	24 mcg	40 mcg
Vitamin C	36 mg	58 mg
Vitamin K3	3 mg	5 mg
Vitamin E	75 mg	125 mg
Folsäure Folic Acid	2 mg	3 mg
Biotin	60 mcg	100 mcg
Nikotinsäure Nicotinic Acid	36 mg	60 mg
Pantothensäure Pantothenic Acid	21 mg	35 mg
Cholinchlorid Choline Chloride	600 mg	1.000 mg

Spurenelemente | Trace Elements [ppm]

Eisen Iron	160
Mangan Manganese	45
Zink Zinc	55
Kupfer Copper	16
Iod Iodine	1.3
Selen Selenium	0.6
Kobalt Cobalt	0.3

Altromin Produkte | Products

0711	Mehlform Meal, fine-grained
0713	Pellets, 2 mm
071x N	Nitrosaminarm Deficient in Nitrosamines
Fortified	Autoklavierbar Autoclavable

HALTUNGSDIÄT – WACHTELN MAINTENANCE DIET – QUAILS

0720

Rohnährstoffe | Crude Nutrients [%]

Trockensubstanz Dry Matter	88.0
Rohprotein Crude Protein	18.5
Rohfett Crude Fat	3.0
Rohfaser Crude Fibre	4.0
Rohasche Crude Ash	12.9
NfE Stickstoff freie Extraktstoffe Nitrogen Free Extracts	49.6

Mineralstoffe | Minerals [%]

Calcium	3.5
Phosphor Phosphorus	0.6
Magnesium	0.3
Natrium Sodium	0.2
Kalium Potassium	0.9

Umsetzbare Energie | Metabolizable Energy

10.4 MJ/kg (2485 kcal/kg)

Kalorien aus Protein | Calories from protein*

25 %

Kalorien aus Fett | Calories from fat*

9 %

Kalorien aus Kohlenhydraten | Calories from carbohydrates*

66 %

(* berechnet mittels Atwater Faktoren | calculated using Atwater factors)

Aminosäuren | Amino Acids [%]

Alanin Alanine	0.8
Arginin Arginine	1.1
Asparaginsäure Aspartic Acid	1.6
Glutaminsäure Glutamic Acid	3.9
Glycin Glycine	0.8
Histidin Histidine	0.4
Isoleucin Isoleucine	0.8
Leucin Leucine	1.3
Lysin Lysine	1.0
Met + Cyst	0.7
Phenylalanin Phenylalanine	0.8
Phe + Tyr	1.4
Prolin Proline	1.2
Serin Serine	0.9
Threonin Threonine	0.6
Tryptophan	0.2
Valin Valine	0.9

Vitamine pro kg | Vitamins per kg

	Standard	Fortified
Vitamin A	15.000 IE IU	25.000 IE IU
Vitamin D3	600 IE IU	1.000 IE IU
Vitamin B1	18 mg	30 mg
Vitamin B2	12 mg	20 mg
Vitamin B6	9 mg	15 mg
Vitamin B12	24 mcg	40 mcg
Vitamin C	36 mg	58 mg
Vitamin K3	3 mg	5 mg
Vitamin E	75 mg	125 mg
Folsäure Folic Acid	2 mg	3 mg
Biotin	60 mcg	100 mcg
Nikotinsäure Nicotinic Acid	36 mg	60 mg
Pantothensäure Pantothenic Acid	21 mg	35 mg
Cholinchlorid Choline Chloride	600 mg	1.000 mg

Spurenelemente | Trace Elements [ppm]

Eisen Iron	160
Mangan Manganese	80
Zink Zinc	75
Kupfer Copper	14
Iod Iodine	1.6
Selen Selenium	0.6
Kobalt Cobalt	0.3

Altromin Produkte | Products

0721	Mehlform Meal, fine-grained
0723	Pellets, 2 mm
072x N	Nitrosaminarm Deficient in Nitrosamines
Fortified	Autoklavierbar Autoclavable

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