

**2RB15
certificate****Complete feed
for RABBITS****DESCRIPTION**

Complete feed for RABBITS
Long Term Maintenance
Shape: pellet 3 mm

INGREDIENTS

(Listed in descending order of inclusion)

Lucerne meal, Wheat straw, Wheat, Corn gluten feed,
Soybean meal extracted toasted, Oats, Maize, Mineral
dicalcium phosphate, Soybean oil, Calcium carbonate,
Sodium chloride, Magnesium oxide, Yeasts

DIRECTION FOR USE

Administer the dry product *ad libitum* to rabbits
housed for long terms studies with drinking water
always available

ADDITIVES

Choline Chloride, D,L-Methionine, L-Lysine, Vitamins
and Oligominerals

STORAGE

Keep cool and dry

**Contact MUCEDOLA
for further details**

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PACKAGING and SHELF LIFE

Paper bags kg 12.5	9 months from DOM (Date of Manufacture)
Vacuum packed kg 13	24 months from DOM (Date of Manufacture)
Irradiated Vacuum packed kg 13	24 months from DOM (Date of Manufacture)



Proximate Analysis

	U.M	Typical Analysis
Moisture	%	12.00
Crude Protein	%	13.20
Crude Oil	%	2.50
Crude Fibre	%	22.00
Ash	%	9.50
NFE	%	40.80

Carbohydrates

	U.M	NATURAL	ADDED	TOTAL
Starch	%	19.42	-	19.42
Sucrose	%	1.50	-	1.50

Energy

	U.M	TOTAL
Gross Energy	kJ/kg	15980
	kCal/kg	3823
Metabolisable Energy	kJ/kg	8000
	kCal/kg	1914
Atawater Fuel Energy	kJ/g	9.97
	kCal/g	2.385

Amino Acids

	U.M	NATURAL	ADDED	TOTAL
Arginine	%	0.55	-	0.55
Lysine	%	0.46	0.13	0.59
Methionine	%	0.18	0.14	0.32
Cystine	%	0.21	-	0.21
Tryptophan	%	0.21	-	0.21
Histidine	%	0.25	-	0.25
Threonine	%	0.41	-	0.41
Isoleucine	%	0.48	-	0.48
Leucine	%	0.87	-	0.87
Phenylalanine	%	0.50	-	0.50
Valine	%	0.56	-	0.56
Tyrosine	%	0.35	-	0.35
Glycine	%	0.49	-	0.49
Serine	%	0.49	-	0.49

Fatty Acids

Saturated Fatty Acids	U.M	TOTAL
C12:0 Lauric	%	0.013
C14:0 Myristic	%	0.027
C16:0 Palmitic	%	0.295
C18:0 Stearic	%	0.072
Mono-unsaturated Fatty Acids	U.M	TOTAL
C16:1 Palmitoleic	%	0.009
C18:1 ω9 Oleic	%	0.346
Poly-unsaturated Fatty Acids	U.M	TOTAL
C18:2 ω6 Linoleic	%	0.976
C18:3 ω3 Linolenic	%	0.572

Mineral and Trace Elements

	U.M	NATURAL	ADDED	TOTAL
Ca	%	0.49	0.52	1.01
Total P	%	0.25	0.28	0.53
Na	%	0.15	0.05	0.20
Cl	%	0.26	0.08	0.34
K	%	1.32	-	1.32
Mg	%	0.20	0.06	0.26
Fe	mg/kg	398	160	558
Cu	mg/kg	11.26	10.40	21.66
Mn	mg/kg	36.33	48	84.33
Zn	mg/kg	25.33	60	85.33
I	µg/kg	67	810	877
Se	µg/kg	174	-	174

Vitamins

	U.M	NATURAL	ADDED	TOTAL
VIT A	IU/kg	24980	11200	36180
VIT D3	IU/kg	-	980	980
VIT E	mg/kg	42.50	38.50	81
VIT B1 Thiamine	mg/kg	2.64	10.50	13.14
VIT B2 Riboflavin	mg/kg	4.40	5.24	9.64
VIT B6 Pyridoxine	mg/kg	4.38	4.66	9.04
VIT B12 Cyanocobalamine	µg/kg	-	21	21
VIT K Menadione	mg/kg	2.98	2.17	5.15
Folic Acid	mg/kg	0.64	1.49	2.13
Nicotinic Acid	mg/kg	28.43	42.84	71.27
Pantothenic Acid	mg/kg	13.37	11.18	24.55
Choline	mg/kg	898	510	1408
Biotin	µg/kg	310	217	527
Inositol	mg/kg	38	-	38

NATURAL: Nutrient data represent the best information available; they have been calculated from published values and from analytical testing of raw materials and finished product.

The values could vary due to the natural variations in the ingredients and process.

ADDED: Supplements of amino acids, vitamins, and minerals

TOTAL: The calculated values

ATAWATER FUEL ENERGY (kcal/g) = [(Crude Oil% × 9) + (Crude Protein% × 4) + (NFE% × 4)]/100



Product Standard Diet 2RB15 certificate Complete feed for RABBITS	Date of issue February 8th, 2000	Revision 5
Reference SPECIFICATION	Update September 27th, 2010	Page 1/1

Product name: **Standard Diet 2RB15 certificate Complete feed for RABBITS
Long Term Maintenance**

Packing: paper bags/ boxes

Specification n°: **PF1617**

Sensory analysis

Shape: pellet or flour

Color: green brown

Smell: characteristic

Analysis

Parameters	U.M.	Typical analysis	Min	Max	Method of analysis
Total Viable Organism	UFC/g			50000	MUC.CBT
Total Viable Organism (irradiated)	UFC/g			10	MUC.CBT
<i>Clostridium perfringens</i>	UFC/g			10	MUC.PERF
Total coliforms	UFC/g			10	MUC.COL
<i>E.coli</i>	UFC/g			10	MUC.E.coli
Enterobacteriaceae	UFC/g			100	MUC.ENTBAT
Enterobacteriaceae (irradiated)	UFC/g			10	MUC.ENTBAT
<i>Enterococcus faecium</i>	UFC/g			10	MUC.ENT
<i>Enterococcus faecalis</i>	UFC/g			10	MUC.ENT
Yeasts	UFC/g			50	MUC.ML
Yeasts (irradiated)	UFC/g			10	MUC.ML
Molds	UFC/g			50	MUC.ML
Molds (irradiated)	UFC/g			10	MUC.ML
<i>Staphylococcus aureus</i>	UFC/g			10	MUC.STAPH
Salmonelle	Absent/25 g			Absent	MUC.SAL
Ash	%	9,50	8,31	10,68	MUC.CN
Crude fibre	%	22,0	18,50	25,50	MUC.CF
Crude fat	%	2,50	1,50	4,50	MUC.GR
Crude protein	%	13,20	11,55	14,85	MUC.PR
Moisture	%	12		13	MUC.UM
Vitamin A	U.I./kg	11200	8960	17920	MUC.Vit.A
Vitamin E	mg/kg	38,50	30,80	61,60	MUC.Vit.E
Copper	mg/kg	10,40	8,32	16,64	MUC.Cu

The Quality Control (CQ)
Fabio Belladonna

The Technical Manager
Dr Elisabetta MUCEDOLA

Mangime completo per CONIGLI Mantenimento a lungo termine

Solo per animali da laboratorio non destinati all'alimentazione umana

Istruzioni per l'uso: Somministrare asciutto a volontà a conigli stabulati per ricerche a lungo termine, con acqua di bevanda sempre a disposizione.

Composizione: Farina di erba medica, paglia di frumento, frumento, semola glutinata di granturco, farina di estrazione di soia tostata, avena, granturco, fosfato bicalcico minerale, carbonato di calcio da rocce calciche macinate, olio di soia, cloruro di sodio, magnesio ossido, lieviti.

ADDITIVI (per kg)

Additivi nutrizionali

E672	Vitamina A	U.I.	11200
E671	Vitamina D3	U.I.	980
E1	Fe	mg	160
E5	Mn	mg	48
E6	Zn	mg	60
E4	Cu	mg	10,4
E2	I	mg	0,80
3b302	Co	mg	0,56

Additivi tecnologici

E562	Sepiolite	mg	550
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Componenti analitici

Umidità	12,00
Proteina grezza	13,20
Oli e grassi grezzi	2,50
Fibra grezza	22,00
Ceneri grezze	9,50

2RB15

Formato / Shape / Format

pellet 3 mm

Peso netto all'origine
Net weight / Poids net à l'origine

kg 12.5

LOTTO / BATCH / LOT

3xyzt

Data di produzione
Date of manufacture
Date de fabrication

g.m.a.

Da cons.preferib.entro:
SHELF LIFE: Best before:
Date de durabilité minimale:

g.m.a.

La scadenza indicata presuppone la
conservazione in luogo fresco e asciutto
ETPF1617R10M_It.Ing.Fr.

Diete Standard

certificate

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Aut. M.I.C.A. n. MG 830-RA 252 bis del 13/01/1993
Aut. Min.San. n.582/A del 25/07/1990
Dir. Gen. San. Reg. Lombardia
αIT100001MI, αIT100002MI, αIT100003MI,
αIT100004MI

Aliment Standard

2RB15 certificate

Aliment complet pour LAPINS
Entretien à long terme

Uniquement pour animaux de laboratoire pas destinés à l'alimentation humaine

Mode d'emploi: Administrer sec à volonté aux lapins en stabulation pour des recherches à long terme, avec de l'eau de boisson toujours à disposition.

Composition: Farine de luzerne, paille de blé, blé, aliment de gluten de maïs, tourteau d'extraction de soja cuit, avoine, maïs, phosphate bicalcique mineral, huile de soja, carbonate de calcium, chlorure de sodium, oxyde de magnésium, levures.

ADDITIFS (par kg)

Additifs nutritionnels

E672	Vitamine A	U.I.	11200
E671	Vitamine D3	U.I.	980
E1	Fe	mg	160
E5	Mn	mg	48
E6	Zn	mg	60
E4	Cu	mg	10,4
E2	I	mg	0,80
3b302	Co	mg	0,56

Additifs technologiques

E562	Sépiolite	mg	550
	Constituants analytiques		%
	Humidité		12,00
	Protéine brute		13,20
	Matières grasses brutes		2,50
	Fibres alimentaires brutes		22,00
	Cendres brutes		9,50

Poids net à l'origine, date de fabrication, format et la date de durabilité minimale sont indiqués sur l'autre côté

Stockage en emballage d'origine dans un endroit frais et sec

Standard Diet

2RB15 certificate

Complete feed for RABBITS
Long Term Maintenance

Only for laboratory animals

Mode d'emploi: Administer the dry product *ad libitum* to rabbits housed for long terms studies with drinking water always available.

Composition: Lucerne meal, wheat straw, wheat, corn gluten feed, soybean meal extracted toasted, oats, maize, mineral dicalcium phosphate, soybean oil, calcium carbonate, sodium chloride, magnesium oxide, yeasts.

ADDITIVES (per kg)

Nutritional additives

E672	Vitamin A	I.U.	11200
E671	Vitamin D3	I.U.	980
E1	Fe	mg	160
E5	Mn	mg	48
E6	Zn	mg	60
E4	Cu	mg	10.4
E2	I	mg	0.80
3b302	Co	mg	0.56

Technological additives

E562	Sepiolite	mg	550
	Analytical constituents		%
	Moisture		12.00
	Crude protein		13.20
	Crude oils and fats		2.50
	Crude fibres		22.00
	Crude ash		9.50

Net weight, date of manufacture, shape, shelf-life are printed on the other side

Keep cool and dry

Certificate of Analysis n° 37 of 13 January 2017

Update March 3rd, 2017

Standard Diet 2RB15 certificate

Complete feed for RABBITS
Long Term Maintenance

Shape: pellet 3 mm

SHELF-LIFE: Best Before 9 months from DOM (Date of Manufacture)

BROMATHOLOGICAL ANALYSIS	Method of analysis	Control Batch	Batch
		3226	322601
		Value %	Value %
Moisture	MUC.UM	8,23	7.03
Crude protein	MUC.PR	13,88	-
Crude fat	MUC.GR	2,97	-
Crude fibre	MUC.CF	21,83	21.99
Ash	MUC.CN	9,35	10.00

IT COMPLIES
TO THE ORIGINAL

PESTICIDES ANALYSIS	Value [µg/kg]	Method of analysis	D.L.
Organochlorine			
Esaclorobenzene	ND	EPA - 8081 A	5 µg/kg
α-BHC } β-BHC }	ND	EPA - 8081 A	5 µg/kg
γ-BHC (Lindane)	ND	EPA - 8081 A	5 µg/kg
Keltane	ND	EPA - 8081 A	5 µg/kg
Eptaclor	ND	EPA - 8081 A	5 µg/kg
Eptacloropoxide	ND	EPA - 8081 A	5 µg/kg
DDE } DDD } DDT }	ND	EPA - 8081 A	5 µg/kg
Dieldrin	ND	EPA - 8081 A	5 µg/kg
Endrin	ND	EPA - 8081 A	5 µg/kg
Thiodan	ND	EPA - 8081 A	5 µg/kg
Organophosphorus			
Phosdrin	ND	EPA - 8141 A	10 µg/kg
Diazinon	ND	EPA - 8141 A	10 µg/kg
Disulfoton	ND	EPA - 8141 A	10 µg/kg
Phyrimiphosmetyl	ND	EPA - 8141 A	10 µg/kg
Ronnel	ND	EPA - 8141 A	10 µg/kg
Dimetoate	ND	EPA - 8141 A	10 µg/kg
Fenthion	ND	EPA - 8141 A	10 µg/kg
Metylparathion	ND	EPA - 8141 A	10 µg/kg
Malathion	ND	EPA - 8141 A	10 µg/kg
Fenitrothion	ND	EPA - 8141 A	10 µg/kg
Parathion	ND	EPA - 8141 A	10 µg/kg
Phosphamidon	ND	EPA - 8141 A	10 µg/kg
Methydatathon	ND	EPA - 8141 A	10 µg/kg
Phenamiphos	ND	EPA - 8141 A	10 µg/kg
Ethion	ND	EPA - 8141 A	10 µg/kg
Diclorvos	ND	EPA - 8141 A	10 µg/kg
Clorphyriphosmetyl	ND	EPA - 8141 A	10 µg/kg
PCB	ND	EPA - 8082	20 µg/kg

ND = not detectable

D.L. = detection limit

MICROBIOLOGICAL ANALYSIS	Value CFU/g	Method of analysis
Total Viable Organism	26000	MUC.CBT
Total Coliforms	< 10	MUC.COL
Enterobacteriaceae	< 100	MUC.ENTBAT
Yeasts	< 50	MUC.ML
Molds	< 50	MUC.ML
Fecal indicators		
Enterococcus faecium	< 10	MUC.ENT
Enterococcus faecalis	< 10	MUC.ENT
E.coli	< 10	MUC.E.coli
Pathogens		
Staphylococcus aureus	< 10	MUC.STAPH
Clostridium perfringens	< 10	MUC.PERF
Salmonelle	absent in 25 g	MUC.SAL

INHIBITING SUBSTANCES	Value	Method of analysis	D.L.
	absent	MUC.INIB.	-
MYCOTOXINES			
Total Aflatoxines (B1,B2 - G1,G2)	ND µg/kg	MUC.AFLA2	5 µg/kg
HEAVY METALS AND MINERALS			
Lead (Pb)	0,83 mg/kg	EPA - 7420	0.05 mg/kg
Cadmium (Cd)	0,097 mg/kg	EPA - 7130	0.05 mg/kg
Selenium (Se)	ND mg/kg	EPA - 7740	0.05 mg/kg
Arsenic (As)	ND mg/kg	EPA - 7060 A	0.05 mg/kg
Mercury (Hg)	ND mg/kg	EPA - 7471	0.05 mg/kg
OTHERS			
Nitrite (NaNO ₂)	7 mg/kg	Colorimetric method	0.5 mg/kg
Nitrate (NaNO ₃)	90,11 mg/kg	Ionic chromatography	5 mg/kg
Fluoride (F)	6,64 mg/kg	Potentiometry	0.25 mg/kg
Nitrosodiethylamine	ND µg/kg	GC-MS	1 µg/kg
Nitrosodimethylamine	5,8 µg/kg	GC-MS	1 µg/kg

Comply with PF1617
The Quality Control
Dr Federica CARACCIOLIO

Approved
The Technical Manager
Dr Elisabetta MUCEDOLA



The original certificates of analysis and the samples are kept in our archives