

Diet Identification :

Code :	U8958P Version 0176
Objective :	Minerals Controlled Diet
Feed intake :	Rat 10 g/d to 25 g/d, Mouse 3 g/d to 6 g/d.
Form :	Pellet 10-12mm diameter.
Packing :	2 kg bucket, protected by a cardboard box. Possibility to modify on request.
Preservation :	4°C
Lifetime :	6 months
Irradiation :	Possible 10, 25 or 40 kilogray



Non contractual picture

Ingredients : Skimmed milk powder, sucrose, lard, pre-mixture of vitamins and minerals PMV Without Iron, peanut oil

Nutritive Composition :

Nutrients	%	Kcal/kg	Kcal/kg
Protein	22,4	Minerals	5,7
Fat	10,5	Cellulose	-
Carbohydrate	59,4	Starch	-
Energy	MJ/kg	kcal/kg	%
Atwater	17,6	4214,6	
Protein	3,7	894,1	21,2
Fat	4,0	943,4	22,4
Carbohydrate	10,0	2377,2	56,4
	mg/kg		mg/kg
Na	6011,2	Fe	5,9
K	10302,0	Cu	20,7
Mg	717,3	Zn	26,7
Ca	8407,6	P	6647,4
Mn	87,6	Cl	3631,5
	UI/Kg		mg/kg
Vit. A	8154,7	Vit. K3	1,1
Vit. E	311,4	Vit. B1	12,0
Vit. D3	2544,0	Vit. B4	1782,7
	%		%
Glucose.	-	Sucrose	22,77
Fructose	-	Lactose	32,91

	mg/kg		mg/kg
Arg.	0,83	Thr	1,05
Lys.	1,77	Trp	0,32
Met	0,56	Met+Cys	0,76
	mg/kg		mg/kg
Sum SFA	33224	Sum n-3	763
C16:0	20528	ALA	763
C18:0	10268	EPA	-
Sum UFA	63866	DHA	-
C18:1	45098	DPA	-
Sum MUFA	47575	Sum n-6	15528
Sum PUFA	16291	LA	14406
		AG trans (-CLA)	252
		CLA	-

The hardness of custom diets is generally lower than the standard chow, it's recommended to add TOP BRICKS for proper teeth wear and proper expression of the rodent's behavior.



Values are given for information, it is calculated averages. They are indicative and have no contractual value. They are subject to variations related to culture conditions, storage and analytical methods. An analysis of the batch concerned allows validating nutritional values.



Non contractual picture

Bibliography :

The second transferrin receptor regulates red blood cell production in mice

Antonella Nai, Maria Rosa Lidonnici, Marco Rausa, Giacomo Mandelli, Alessia Pagani, Laura Silvestri, Giuliana Ferrari and Clara Camaschella

Blood journal, Volume: 125 Issue: 7 Pages: 1170 - 1179 , 2014 12 03

WEB >> <http://www.bloodjournal.org/content/125/7/1170.abstract?maxtoshow=&HITS=10&hits=10&RESULTFORMAT=&fulltext=safe%20augy&andorexactfulltext=and&searchid=1&FIRSTINDEX=0&resourcetype=HWCIT&sso-checked=true>

Low hepcidin accounts for the proinflammatory status associated with iron deficiency

Pagani A, Nai A, Corna G, Bosurgi L, Rovere-Querini P, Camaschella C, Silvestri L

Blood, 118(3):736-46, 2011 07 21

WEB >> <http://bloodjournal.hematologylibrary.org/content/118/3/736.abstract>

Iron regulates phosphorylation of Smad1/5/8 and gene expression of Bmp6, Smad7, Id1, and Atoh8 in the mouse liver

Léon Kautz, Delphine Meynard, Annabelle Monnier, Valérie Darnaud, Régis Bouvet, Rui-Hong Wang, Chiuxia Deng, Sophie Vaulont, Jean Mosser, Hélène Coppin, and Marie-Paule Roth

BLOOD, Vol. 112, No. 4, pp. 1503-1509, 2008 08 15

WEB >> <http://bloodjournal.hematologylibrary.org/cgi/content/abstract/112/4/1503>

DOI >> 10.1182/blood-2008-03-143354"

Similar Diets :

Code	Version	
U8958P	0177	IRON DEFICIENT + 0.2 G/KG IRON CARBONYL
U8958P	0193	IRON DEFICIENT + 8.3 G/ KG IRON CARBONYL
U8958P	0222	IRON DEFICIENT + 2 500 MG/KG IRON CARBONYL
U8958P	0223	IRON DEFICIENT + 20 000 MG/KG IRON CARBON

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