

Low Carbohydrate / Glucose free

ssniff

Purified rodent diet | <0.5 % starch & sugar

Description

This purified diet is virtually free from carbohydrates (CHO). It can be therefore used to study the effects of different CHO levels. The diet is also useful to prevent malabsorption in mice lacking Glc transporter/co-transporter (e.g. SglT1 -/-).

The diet is intended for ad libitum feeding. The animals should have free access to fresh water.



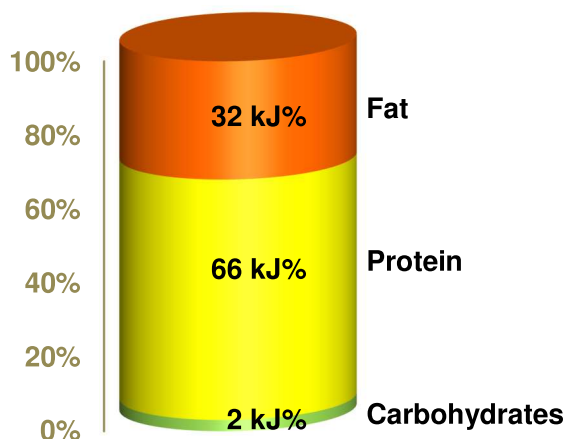
Gross Energy (GE)

21.1 MJ/kg

Metabolizable Energy (ME) ¹⁾

13.6 MJ/kg

¹⁾ = Physiological fuel value (Atwater); correspond to 3,237 kcal/kg



Crude Nutrients

	[%]
Crude protein (N x 6.25)	53.4
Crude fat	11.4
Crude fibre	20.3
Crude ash	5.9
Starch	0.1
Dextrin	—
Sugar	<0.1
N free extracts	1.9

Minerals

	[%]
Calcium	0.94
Phosphorus	0.68
Ca / P	1.38 : 1
Sodium	0.20
Magnesium	0.24
Potassium	1.04

Amino acids

	[%]
Lysine	4.46
Methionine	1.66
Cystine	0.52
Met+Cys	2.18
Threonine	2.37
Tryptophan	0.70
Arginine	2.11
Histidine	1.62
Valine	3.74
Isoleucine	3.02
Leucine	5.32
Phenylalanine	2.79
Phe+Tyr	5.61
Glycine	1.09
Glutamic acid	12.05
Aspartic acid	4.01
Proline	6.09
Serine	3.21
Alanine	1.65

Vitamins

	per kg
Vitamin A	15,000 IU
Vitamin D ₃	1,500 IU
Vitamin E	150 mg
Vitamin K (as MNB)	20 mg
Thiamine (B ₁)	28 mg
Riboflavin (B ₂)	17 mg
Pyridoxine (B ₆)	17 mg
Cobalamin (B ₁₂)	30 µg
Nicotinic acid	50 mg
Pantothenic acid	56 mg
Folic acid	16 mg
Biotin	340 µg
Choline	1,040 mg

Fatty acids

	[%]
C 12:0	0.01
C 14:0	0.04
C 16:0	1.36
C 17:0	0.01
C 18:0	0.42
C 20:0	0.04
C 16:1	0.03
C 18:1	2.84
C 18:2	5.80
C 18:3	0.64

Trace elements

	per kg
Iron	174 mg
Manganese	100 mg
Zinc	90 mg
Copper	15 mg
Iodine	1.2 mg
Selenium	0.2 mg

Main products

E15660-20	Meal / Powder
E15660-24	10 mm pellets
E15660-247	10 mm pellets, γ-irradiated 25 kGy

Production and Sale

ssniff Spezialdiäten GmbH
 Phone: +49-(0)2921-9658-0
 Fax: +49-(0)2921-9658-40
 E-Mail: mail@ssniff.de
www.ssniff.de / www.ssniff.com