Custom Diets

SAFE CUSTOM DIETS

PRODUCT DATA SHEET
Release date: October 2020

SAFE® E8220 Version 352

Definition

A04 0,25g_kg Tamoxifen + 5% saccharo
Supplemented custom diet for Rats & Mice

Product Purpose

To be used within the context of experimental protocols.

SAFE® E8220 Version 352 — Picture indicative only

Directions for Use

DISTRIBUTION

Period

According to the experimental protocol. A transition period to SAFE custom diet during weaning is recommended.

Method

- Ad libitum or rationed according to experimental protocols.
- Remove from the packaging and place directly in the cage dieting dish or on the cage floor.

DAILY CONSUMPTION

Varies depending on species, strain, weight and age. Rats 18 to 25 g, mice 3 to 6 g, hamsters 8 to 12 g.

STORAGE

Store in a clean, and dry place, at 4°C, protected from light.

SHELF-LIFE from the date of production

Bucket or Bag: 6 months

Irradiation

Possible doses: Minimum 10, 25 or 40 kilograys.
This Custom Diet is Not Autoclavable.

Product Form

PELLETS	Mean
Diameter	10-12 mm
Crushing resistance	~5 kgf/cm²
Abrasion resistance	> 80 %
Specific mass	~ 600 g/l
Average pellet weight	- g
Average pellet length	- mm

They are available powdered on demand.

Product Presentation

*All SAFE® diets are available with different packaging, irradiation and with analytical data on demand.
Selected solutions of the most sold items from the SAFE® portfolio.

DIET	STANDARD PACKAGING		USUALLY AVAILABLE WITH IRRADIATION DOSE
SAFE® E8220 v. 352*	2kg	Bucket, Vacuum packed and boxed	Min. 10 kGy, Min. 25 kGy
SAFE® E8220 v. 352*	1kg	Bucket, Vacuum packed and boxed	Min. 25 kGy
SAFE® E8220 v. 352*	1 x 10 kg	Paper bag, Vacuum packed and boxed	Min. 10 kGy, Min. 25 kGy
SAFE® E8220 v. 352*	2 x 5 kg	Paper bag, Vacuum packed and boxed	Min. 25 kGy

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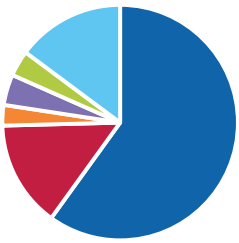
Ingredients

SAFE A04 (Barley, wheat, maize, soybean meal, wheat bran, hydrolyzed fish proteins, dicalcium phosphate, pre-mixture of minerals, calcium carbonate, pre-mixture of vitamins.), sucrose, water, tamoxifen.

CENTESIMAL COMPOSITION

Cereals	76.51 %	Others	0.026 %
Animal Proteins	3.6 %	Water	4.0 %
Vegetal Proteins	7.3 %		
Vitamins & Minerals	3.5 %		
Carbon Hydrates	5.0 %		

NUTRITIONAL COMPOSITION



Nitrogen Free Extract	59.95 %
of which Starch	39.57 %
of which Sugars	7.7 %
Crude Protein	14.65 %
Crude Fat	2.8 %
Crude Ash	4.2 %
Crude Fiber	3.5 %
Moisture	14.82 %

ENERGY CONTENT

	MJ/kg	kcal/kg	%
ME Pig	12.8	3056.4	
ME Atwater	13.6	3237.5	
Energy from proteins	2.5	585.9	18.1
Energy from lipids	1.1	253.8	7.8
Energy from NFE	10.0	2397.8	74.1

More information on energy calculation: www.safe-lab.com

For the welfare of animals SAFE® bedding and environmental enrichment such as SAFE® block gnawing logs and SAFE® nesting materials should be available in the cage.

Theorical Calculated Values

TOTAL PER KG

AMINO ACIDS

Arginine	8 188 mg	Methionine	2 547 mg
Cystine	2 274 mg	Tryptophan	1 729 mg
Lysine	6 550 mg	Glycine	7 369 mg

FATTY ACIDS

Palmitic acid	5 367 mg	Sum SFA	6 168 mg
Stearic acid	546 mg	Sum UFA	19 289 mg
Palmitoleic acid	136 mg	Sum MUFA	4 544 mg
Oleic acid	4 367 mg	Sum PUFA	14 745 mg
LA	13 646 mg		
ALA	1 092 mg		
Sum n-3	1 092 mg		
Sum n-6	13 653 mg		

MINERALS

	END PRODUCT
Calcium	6 651 mg
Phosphorus	5 004 mg
Sodium	2 278 mg
Potassium	5 460 mg
Magnesium	1 458 mg
Manganese	64 mg
Iron	246 mg
Copper	15 mg
Zinc	50 mg
Chlorine	3 640 mg

VITAMINS

	END PRODUCT
Vitamin A	6 823 IU
Vitamin D3	910 IU
Vitamin E	27 IU
Vitamin K3	2.3 mg
Vitamin B1	4.5 mg
Vitamin B2	5.9 mg
Vitamin B3	64 mg
Vitamin B5	9.1 mg
Vitamin B6	2.7 mg
Vitamin B9	0.32 mg
Vitamin B12	0.009 mg
Biotin	0.073 mg
Choline	1 456 mg

SUGARS

Glucose	< 0.5 %	Fructose	< 0.5 %
Sucrose	5.9 %		

ADDED COMPOUNDS

Total Compounds	255 mg

The values of the end products are given as indication only and have no contractual value. They are theorical calculated values of the diet formula without considering values from customer's compounds. Depending on production conditions, storage and analytical methods variations may occur. An analysis is performed on request.

Produced in France

SAFE COMPLETE CARE COMPETENCE

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