

Premium Scientific
Custom Diets

Specific Diets for all of Your Research Programs



Diets
Custom Diets
Bedding
Enrichment
Services

Specific Diets for all of Your Research Programs

SAFE® is your competent and reliable partner for custom diets. With more than 60 years of expertise and recognized leadership, SAFE® formulates and produces special research diets for the international scientific community. Upon request, diets are formulated based on SAFE® standard diets or especially customized formulas.

- expertise and consultancy in diet design
- production on highest quality standards
- flexible and customer-oriented solutions



Dedicated SAFE® Custom Diet Department and Production Facility

The Custom Diet department of SAFE® has received all Food and Health accreditations.

- Competent advice by the experienced SAFE® nutritionists during the whole development and production process.
- A team of specialized pharmacists, scientists and engineers supervise this division.
- Best technical facilities: the production unit is equipped with scales and mixers with computer-assisted management systems.



Packaging

- buckets (1, 2, 3, 5 liters), pots (100 g), bags (1 to 10 kg)
- suited to the health status of your animal facility

Deliveries

- minimum order 10 kg per diet
- average lead time 10 working days
- additional 7 working days for irradiated batches
- for any non-standard presentation, lead time on request

Optional Services

- supply of ingredients or raw materials (for ingredients supplied by the client, a safety data sheet is required)
- complete analytical control of non-standard diet (antibiotic test included)

IRRADIATION (recommended)

- possible irradiation dose: 10, 25 or 40 kGy
- homogeneous irradiation technique: bag by bag
- irradiated products are vacuum-sealed

Custom Diets

Selected Solutions of the SAFE® Portfolio

All SAFE® rodent standard diets do not contain alfalfa

REFERENCE DIETS AND LOW FLUORESCENCE DIETS

U8978	SAFE® AIN-76
U8978 Version 22	SAFE® AIN Control (growth and reproduction)
U8959 Version 1	SAFE® 210 control diet, 10 % of the energy from fat

HIGH FAT DIETS, ENRICHED WITH SUGARS

U8957 Version 1	SAFE® 230 HF	60 % of the energy from fat (lard)
U8956 Version 1	SAFE® 231 HF	70 % of the energy from fat (lard)
U8955 Version 2	SAFE® 235 HF	45 % of the energy from fat (lard)
U8954 Version 1	SAFE® 236 HF	72 % of the energy from fat (lard)
U8954 Version 27	SAFE® Keyes high in saccharose (Cariogenic)	
U8960 Version 5	SAFE® Hyperglucidic 30 % Sucrose	
U8954 Version 133	SAFE® 245 HF	45 % of the energy from fat (D12451 Premix AIN)
U8954 Version 130	SAFE® 233 HF	61 % of the energy from fat (D12492 Premix AIN)
U8978 Version 19	SAFE® 260 HF	60 % of the energy from fat (butter)
U8440	SAFE® 107 HF	15 % fat from lard / Monkey high fat diet

HYPERCHOLESTEROLIZING DIETS

U8220 Version 151	SAFE® A04	+ 16 % Cocoa Butter + 1.25 % Cholesterol
U8951 Version 1	SAFE® 214 B	+ 4.5 % Cholesterol
U8952 Version 1	SAFE® 214 S	+ 2.0 % Cholesterol
U8953 Version 1	SAFE® 214 H	+ 0.5 % Cholesterol
U8958 Version 66	SAFE® Atheromatous:	0.5 % Cholesterol, 15 % Lard
U8958 Version 52	SAFE® Western	0.15 % Cholesterol, 20 % Butter
U8958 Version 35	SAFE® Western	0.20 % Cholesterol, 21 % Butter

MACRONUTRIENT DIETS: PROTEINS, FATS

U8959 Version 92	SAFE® Hyperproteinic	54 % Protein
U8958 Version 27	SAFE® Hyperproteinic	50 % Protein
U8958 Version 65	SAFE® Hyperproteinic	40 % Protein
U8220 Version 264	SAFE® Hyperproteinic	54 % Protein A04 low Proteine 10 %
U8958 Version 174	SAFE® Methionin/Choline deficient (Steatohepatitis)	
U8958 Version 224	SAFE® Tryptophan efficient	

DIETS HIGH IN CELLULOSE

E8200 Version 39	SAFE® A03 + 20 % Cellulose
E8220 Version 87	SAFE® A04 + 20 % Cellulose

ALTERED MINERAL OR MICRONUTRIENT DIETS

E8200 Version 79	SAFE® A03 + 0.12 % Sodium (without salt and bicarbonate)
E8224 Version 66	SAFE® A04 + 1.2 % Phosphorus + 1.04 % Calcium
E8220 Version 147	SAFE® A04 + 0.75 % Adenine + 1.1 % Calcium + 0.9 % Phosphorus
U8958 Version 176	SAFE® Iron deficient
E8220 Version 112	SAFE® A04 K3 deficient
E8200 Version 82	SAFE® A03 + 8 % Salt + 0.76 % Potassium Chloride
U8959 Version 88	SAFE® Low Se and Vit. E (Cardiovascular disorders, inflammatory,...)
U8958 Version 185	SAFE® Iodine deficient

ALTERED VITAMIN DIETS

E8200 Version 94	SAFE® A03 Vitamin D deficient (Osteoporosis, Rickets)
E8220 Version 231	SAFE® A04 Vitamin K deficient (Osteoporosis, Leukemia,...)
E8220 Version 72	SAFE® A04 Vitamin E deficient
U8958 Version 157	SAFE® A04 Vitamin A deficient (Xerophthalmia)
U8958 Version 194	SAFE® Low folic acid (Gastrectomy, Celiac Disease,...)

DIETS INDUCING A PHENOTYPE

E8200 Version 1	SAFE® A03 + 1 g/kg Doxycycline
E8200 Version 35	SAFE® A03 + 0.5 g/kg Doxycycline
E8200 Version 91	SAFE® A03 + 6 g/kg Doxycycline
E8200 Version 92	SAFE® A03 + 0.2 g/kg Doxycycline
E8200 Version 115	SAFE® A03 + 0.625 g/kg Doxycycline
E8200 Version 100	SAFE® A03 + 10 g/kg Doxycycline
E8220 Version 12	SAFE® A04 + 1 g/kg Doxycycline
E8220 Version 23	SAFE® A04 + 2 g/kg Doxycycline
E8220 Version 232	SAFE® A04 + 0.625 g/kg Doxycycline
E8220 Version 16	SAFE® A03 + 2 g/kg Fenofibrate
E8200	SAFE® A03 + 250 mg/kg Tamoxifen

DIETS WITH YOUR OWN INGREDIENTS

SAFE® Standard Diet	+ Probulcol, Rosiglitazone, Eplerone, Quercetin
SAFE® Standard Diet	+ Inulin, Clay, Maltodextrin, Prebiotics, Omega 3-6-9, Fatty Acids, Silica, Ethanol Lieber-DeCarli

MEDICATED DIETS, ADDITIVES, ACTIVE INGREDIENT

Wide-spectrum antiparasitic drug*

LOW FLUORESCENCE DIET

SAFE® AIN-76

SAFE® AIN Control (growth and reproduction)

SAFE® 210 control diet, 10 % of the energy by fat

SAFE® 210 without sugar, 50 % corn starch

NON STANDARD PRESENTATIONS

For any non-standard presentation, consider a four weeks lead time, prices on request.

For a diet containing molecule, it is mandatory to provide the facility registration and the licence of the experimenting on animals. For ingredients supplied by the client, a safety data sheet is required.

OPTIONAL SERVICES

Providing of ingredients or raw materials

Irradiation fee, for every 200 kg (lead time 1 week)

Supplement for 2 kg packaging

Supplement for 1 kg packaging

POWDERED DIETS

During the powdering process, loss of weight occurs due to the manufacturing process after grinding pellets (less moisture).

POWDER for pelleting P 3.5

POWDER 95 % < 1 mm P 2.5

POWDER 95 % < 0.5 mm P 1

Complete analytical control of Non Standard Diet: antibiotic test included

GEL DIETS

Gel Diets are ready and easy to use, irradiated at >25 kGy shelf life 12 months - 6 kg/box

G8975P01R	SAFE® gel diet transport**	Diet + 60 % water	Pot of 100 g
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G8973P01R	SAFE® gel diet energy**	High energy + 60 % water	Pot of 100 g
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G8991P01R	SAFE® gel diet breeding	SAFE® diet + 70 % water	Pot of 100 g
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G8971P01R	SAFE® gel diet water**	99 % water, thermoreversible	Pot of 100 g
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G8976P01R	SAFE® gel diet high fat**	9 % Energy from fat	Pot of 100 g
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We are able to produce any custom variation alongside the listed diets.

* In order to comply with European Community regulation a veterinary prescription is compulsory before any production starts.

** Available for dogs and primates



Customized Diet Solutions

Diets based on standard diets or individual formulas offer a wide range of customized solutions to meet your specific requirements:

- controlled levels of certain elements (Potassium, Sodium, Fats, etc.)
- enriched with target nutrients (Iron, Sodium, Potassium, Cholesterol, etc.)
- purified diets: reformulation of diets on the basis of purified raw materials to obtain high-levels or reduction of elements
- enrichment of highly reduced diets by addition of targeted materials and by using different sources of nutrients
- incorporation of natural raw materials in purified diets
- dosage forms: granular, paste, liquid, gel or powdered



Certified Quality, Control and Traceability

The SAFE® Custom Diet department is certified and holds different specific authorizations:

- EN ISO 9001, EN ISO 14001, EN FSSC 22000
- certificate of approval from the veterinary services for the production of medicated diets and diets containing molecules for research
- authorized for the use of non-viable genetically modified vegetal organisms
- certified and controlled raw materials
- full traceability: each batch is controlled and recorded on a computer data base

Any special needs?

Contact our nutrition experts
customdiets@safe-lab.com

Customized Dosage Forms



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