

Premium Scientific
Custom Diets

Specific Diets for all of Your Research Programs



Diets
Custom Diets
Bedding
Enrichment
Services

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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 (0.5, 1, 2 kg), pots (100 g), bags (5 or 10 kg)
- suited to the health status of your animal facility

Deliveries

- minimum order 10 kg per diet
- average lead time 15 working days
- additional 5 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

REFERENCE DIETS AND LOW FLUORESCENCE DIETS

U8978A01R 00054	AIN76A
U8978A01R 00240	AIN93G
U8978A01R 00055	AIN93M
U8959A01R 00001	210 control
U8978A01R 00177	AIN93G AMF Butter

HIGH FAT DIETS, ENRICHED WITH SUGARS

U8957A01R 00001	230HF (M) 60 % energy from fat (lard)
U8956A01R 00001	231HF (M) 70 % energy from fat (lard)
U8955A01R 00002	235HF 45 % energy from fat (lard)
U8954A01R 00001	236HF (M) 72 % energy from fat (lard & Maize Oil)
U8954A01R 00027	HFHS 30 % Saindoux 37 % sucrose (M)
U8960A01R 00005	Hyperglucidic 30 % sucrose
U8954A01R 00204	251HF 45 % energy from fat (lard)
U8954A01R 00205	292HF 60 % energy from fat (lard)
U8955A01R 00019	246HF 45 % energy from fat (butter)
U8978A01R 00019	260HF 60 % energy from fat (butter)

HYPERCHOLESTEROLIZING DIETS

E8480A01R 00062	110 Rabbit +0.3 % Cholesterol
E8220A01R 00151	A04 +16 % Cocoa Butter +1.25 % Cholesterol
U8958A01R 00035	Western 1635 0.2 % Cholesterol 21 % dairy butter
U8958A01R 00052	Western 1635 0.15 % Cholesterol 20 % dairy butter
U8958A01R 00136	Western 1635 control without Cholesterol
R8620A01R 00003	Pig Western 1 % Cholesterol (M)
R8620A01R 00011	Pig Western 4 % salt 4 % Cholesterol 0.5 % cholic acid (M)

MACRONUTRIENT DIETS: PROTEINS, FATS

U8959A01R 00184	AIN93 55 % Protein
U8959A01R 00194	AIN93 30 % Protein
U8959A01R 00156	AIN93 5 % Protein
R8220A01R 00264	A04 Low Protein 10 %
U8958A01R 00174	MCD SAFE Sucrose (Methionine & Choline Deficient)
U8958A01R 00224	Tryptophane Deficient Sucrose

DIETS HIGH IN CELLULOSE

E8200A01R 00039	A03 +20 % Cellulose
E8220A01R 00087	A04 +20 % Cellulose

ALTERED MINERAL OR MICRONUTRIENT DIETS

R8220A01R 00367	A04 0.01 % Sodium
R8224A01R 00066	A04 +1.2 % Phosphorus +1.04 % Calcium
R8220A01R 00147	A04 +0.75 % Adenine +1.1 % Calcium +0.9 % Phosphorus
U8958A01R 00176	Iron deficient
U8978A01R 00092	Phosphorus deficient 0.1 %
E8200A01R 00082	A03 +8 % Salt +0.76 % Potassium Chloride
U8959A01R 00088	Low Selenium & Vit. E (Cardiovascular disorders, inflammatory, ...)
R8958A01R 00185	Iodine deficient

ALTERED VITAMIN DIETS

R8200A01R 00094	A03 Vitamin D deficient (Osteoporosis, Rickets)
R8220A01R 00231	A04 Vitamin K deficient (Osteoporosis, Leukemia, ...)
U8958A01R 00157	210 Vitamin A deficient (Xerophthalmia)
U8958A01R 00194	Low folic acid (Gastrectomy, Celiac Disease, ...)

DIETS INDUCING A PHENOTYPE

E8200A01R 00092	A03 0.2 g/kg Doxycycline Hyclate
E8200A01R 00115	A03 0.625 g/kg Doxycycline Hyclate
E8200A01R 00001	A03 1 g/kg Doxycycline Hyclate
U8978A01R 00058	AIN93G 0.2 g/kg Doxycycline Hyclate
U8978A01R 00059	AIN93G 0.625 g/kg Doxycycline Hyclate
U8978A01R 00060	AIN93G 1g/kg Doxycycline Hyclate
E8200A01R 00016	A03 +2 g/kg Fenofibrate
E8220A01R 00352	A04 0.25 g/kg Tamoxifene +5 % Sucrose
E8220A01R 00366	A04 0.5 g/kg Tamoxifene +5 % Sucrose
E8404A01R 00008	150 +0.25 g/kg Tamoxifene +5 % Sucrose
E8220A01R 00119	A04 +2 g/kg Cuprizone

DIETS WITH YOUR OWN INGREDIENTS

SAFE® Standard Diet	+ Quercetin, PLX3397, PLX5622, BAPN, DDC, Adenine,...
SAFE® Standard Diet	+ Inulin, Clay, Maltodextrin, Prebiotics, Omega 3-6-9, Fatty Acids, Silica, Lieber-DeCarli...

MEDICATED DIETS, ADDITIVES, ACTIVE INGREDIENT

Wide-spectrum antiparasitic drug*

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

G8973P01R SAFE® gel diet energy** High energy +60 % water Pot of 100 g

G8991P01R SAFE® gel diet breeding SAFE® diet +70 % water Pot of 100 g

G8971P01R SAFE® gel diet water** 99 % water, thermoreversible Pot of 100 g

G8976P01R SAFE® gel diet high fat** 9 % energy from fat Pot of 100 g

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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