



SAFE

SCIENTIFIC ANIMAL FOOD & ENGINEERING

GEL DIETS



Water, an essential nutrient

For the health and well-being of the animal, just as for the good conduct of the trials, water is an essential nutrient. It can be distributed in either liquid or gel form. This latter is a SAFE technical solution which is available under the name of Gel Diet. This water diet allows for the proper level of hydration needed for stressed, sick or weakened animals, or simply during their periods of transportation. Some animals might even lose their ability to take in sufficient quantities of nourishment, to get to the feeders or even to gnaw on the feeds. By virtue of their composition, the Breeding, Transport and High Fat Gels Diets also provide the necessary nutrients. The Gel Diet is, then, the ideal nutritional solution and makes the long-term feeding of fragile races, of animals coming out of surgical operations, possible, as well as those developing certain kinds of pathology... The Gels Diets contribute to preserving young litters that would otherwise be difficult to feed with solid nutrients.

PRODUCT VALIDATION

A continual-feeding trial with Breeding Gel Diet and without a water feeding bottle, shows that the behaviour of Swiss mice was not altered by this way of feeding. In particular, the weight of the breeders remained unchanged after the month-long distribution. The sex ratio, growth and behaviour of the young were identical to standard feeding with granules. Consumption varied from 30-40g/per day in the maintenance parameter to 50-60g/per day in reproduction for the pregnant mothers. For long-term feeding, we recommend an intake with enrichment to be gnawed on, such as Top Brick, to protect against the wearing away of teeth. A large number of biomedical protocols have found the Gels to be a practical and well-adapted solution:

- The **Breeding Gel Diet** makes it possible for your feeding programme to run uninterrupted, by incorporating standard feed into the solution.



- In the same direction, the **Gel High Fat diet** makes this same continuity possible for protocols using High fat-diets.



- The **Transport and Energy Gels Diets** allow for that boost needed to get over stress and to save the weaker animals



- The **Water Gel Diet**, being made up of 98% water, can be turned back into water so as to integrate your own molecule into it. This liquefaction-solidification process is reversible.



All the SAFE Gels Diets are ionised to 10kGy in order to ensure their very best conservation for you. At SAFE, we're able to make your own Gels so as to obtain the nutritional solution that best suits your experimental protocol. SAFE may offer gels diets dogs, monkeys and pigs enrichment or reward for improving your experiments.



DIETS • CUSTOM DIETS • BEDDINGS & ENRICHMENT

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