

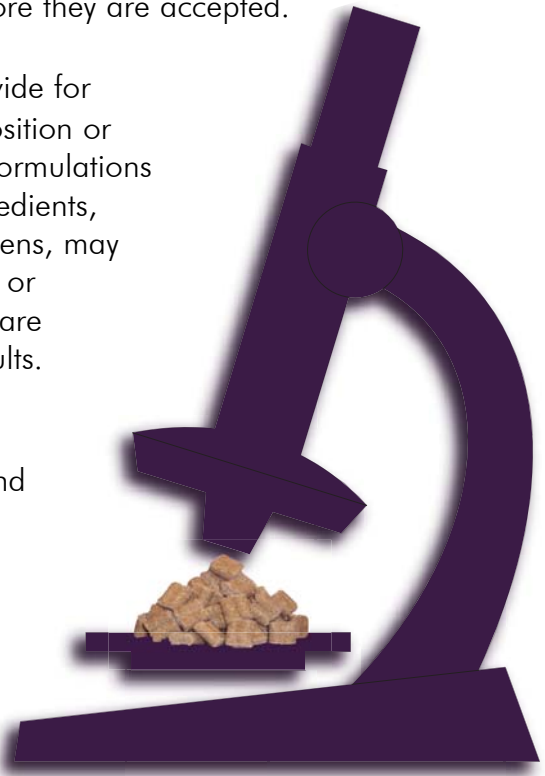
FEED FORMULATION: Fixed or Fiction?

It is recognized that nutrition is the most important environmental factor that influences the ability of laboratory animals to reach their genetic potential for growth, proper maintenance, reproduction, and longevity. Therefore, it is essential that research scientists, veterinarians, and animal facility managers have detailed dietary information in order to make valid conclusions regarding experimental results.

Fixed Formulations are used in diets where the ingredient composition is known and is not altered without the knowledge or consent of the researcher. Fixed formulation decreases the amount of variation in dietary constituents that could jeopardize experimental results or have a negative influence on the well being of animals. In order to assure that nutrient specifications are met, ingredient standards for nutrient concentrations are established prior to the procurement of the ingredients. Dietary contaminants are controlled, not only by procuring ingredients according to strict contaminant standards, but also by testing ingredients for contaminants of concern before they are accepted.

Non-fixed Formulations, or diets formulated to provide for consistent nutrition, may allow for changes in ingredient composition or concentration not known to the researcher. These changes in formulations could lead to the incorporation of lower quality, less costly ingredients, where undesirable, non-assayed components, such as phytoestrogens, may be introduced. Thus, the possibility of introducing an unknown or undesirable variable under conditions where feed formulations are altered could result in the misinterpretation of experimental results.

Know What's In Your Diet. Zeigler supports fixed formula diets because we feel it is important for you to know and control exactly what is going into your diet. In addition to nutrient and contaminant assays, we can provide manufacturing records verifying the exact ingredient composition used in manufacturing each lot of your laboratory animal diet. With this information, we believe that scientists and researchers can have the highest level of dietary control to assure sound experimental results.



800-841-6800
717-677-6181 • Fax: 717-677-6826
sales@zeiglerfeed.com

Products made in the U.S.A.