

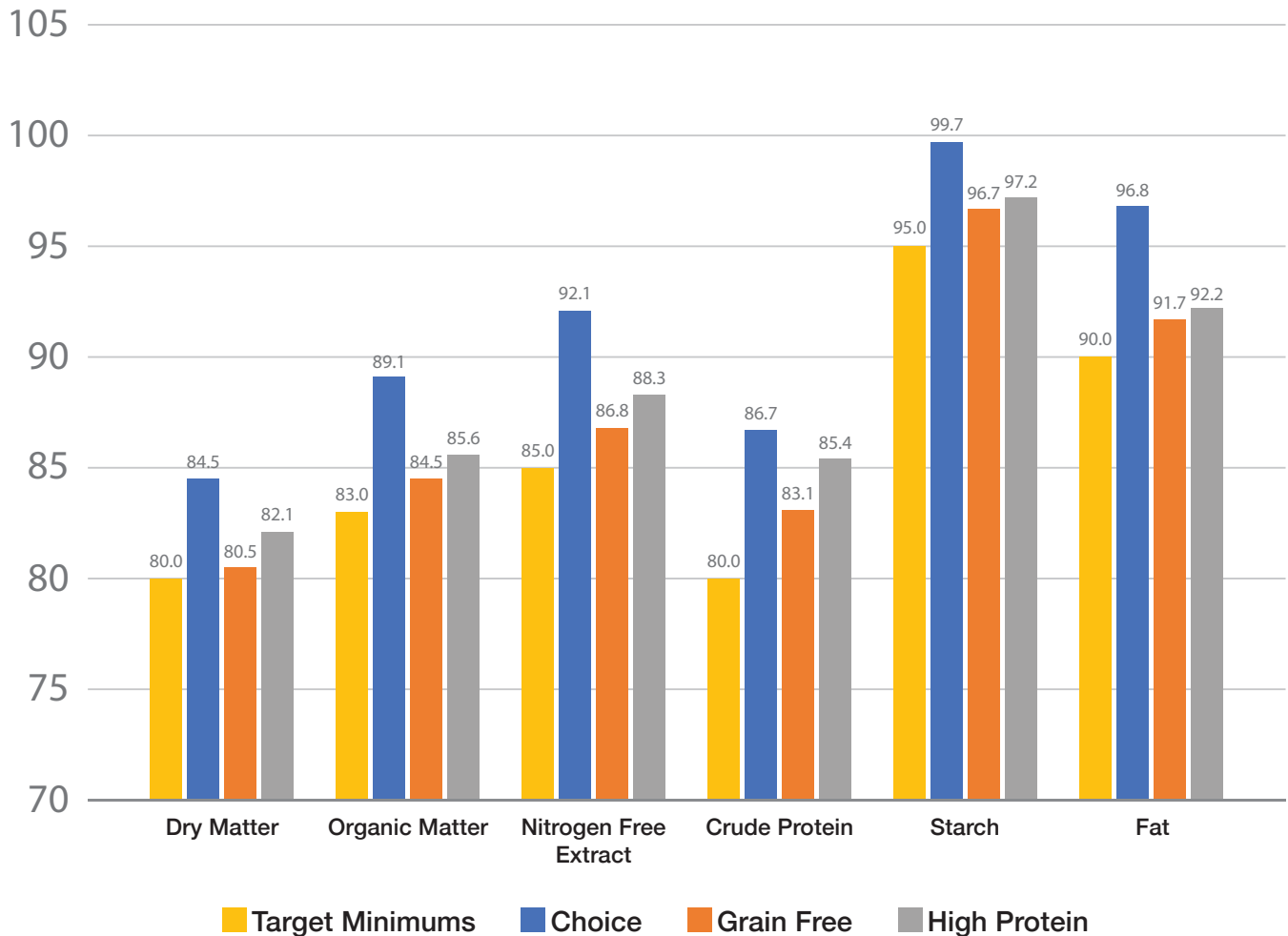


Truvida Dog Food Digestibility

- **Digestibility of Nutrients** – Describes the relative amount of a nutrient that is available to the animal for bodily functions following digestion.
 - Digestibility is largely determined by the source and quality of ingredients as well as the processing of the food. Under- or over-processed foods can decrease digestibility.
 - Excessive dietary fiber also can decrease digestibility.
 - Low digestible foods can increase total fecal output and frequency of defecation.
 - Breed typically does not affect digestibility.
 - Puppies and Senior dogs commonly have a lower digestibility of nutrients compared to adult dogs.
 - **How does dog food digestibility affect my dog's health?**
 - Low digestible foods increase fecal output and increase risk of loose consistency.
 - Whereas, exceptionally high digestibility can increase the risk of dry feces, constipation, and straining during defecation.
 - **Digestibility Benchmarks**
 - Dry Matter: Greater than 80% digestible
 - Protein: Greater than 80% digestible
 - Fat: Greater than 90% digestible
 - Starch: Greater than 95% digestible
 - **Industry Comparison Study (Daumas et al., 2014)¹**
 - Dry Matter: Ranged from 66.9 to 84.4% digestible
 - Protein: Ranged from 70.4 to 87% digestible
 - Fat: Ranged from 76.1 to 95.4% digestible
 - **TRUVIDA Dog Food Series Digestibility²**
 - Dry Matter: Ranged from 80.5 to 84.5% digestible
 - Protein: Ranged from 83.1 to 86.7% digestible
 - Fat: Ranged from 91.7 to 96.8% digestible
 - Starch: Ranged from 96.7 to 99.7% digestible
-



TRUVIDA Pets Dog Food Nutrient Digestibility



Conclusions: All TRUVIDA Pets Dog Foods exceed the apparent nutrient digestibility targets of a highly digestible dog food. Compared to the Industry Comparison Study¹ TRUVIDA Dog Foods are on the higher end of the digestibility spectrum. The grain-inclusive Choice Series had the greatest digestibility among the TRUVIDA Pets Dog Foods evaluated.

References

¹Daumas, C., B. Paragon, C. Thorin, L. Martin, H. Dumon, S. Ninet, and P. Nguyen. 2014. Evaluation of eight commercial dog diets. J. Nutr. Sci. 3:1-5.

²All TRUVIDA Pets Dog Foods evaluated were a 50:50 blend of Chicken:Oceanfish & Salmon. Calculated daily Calories for adult maintenance was $70 \times \text{metabolic body weight (kg}^{0.75}) \times 1.45$.