

## HIGH-QUALITY, SUSTAINABLE PROTEIN FOR PET FOOD

**SylPro® is a sustainable Single Cell Protein (SCP) developed as a high-quality ingredient for use in petfood. SylPro provides a nutritional, functional, consistent, and sustainable source of protein to dogs and cats.**

SylPro is produced by fermentation of a wide variety of sustainable and undervalued feedstocks, thanks to Arbiom's technology. It is a single-cell protein (SCP) from Torula yeast, globally approved for use as a feed ingredient.

SylPro is an excellent source of protein for use in petfood with its high-protein content, balanced amino acid profile, superior digestibility and palatability compared to conventional protein ingredients. Cats and dogs fed SylPro diets have seen positive impacts on their gastrointestinal health.

Free from grains and common allergens, SylPro is well-suited for limited ingredient or allergen-free pet food formulations.

### SylPro Salient Features:

- ✓ High **crude protein** content
- ✓ Balanced **essential amino-acid** profile
- ✓ Class leading **digestibility**
- ✓ Excellent **palatability**
- ✓ Contains **functional fibers** to support **gut health**
- ✓ **Low environmental** impact, meets **clean label** attributes
- ✓ **Consistent** and available



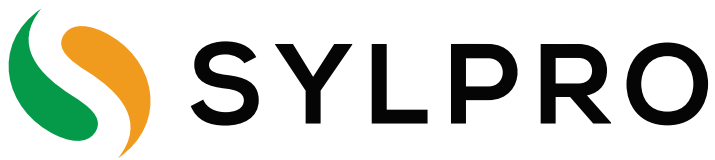
*More than a protein ingredient, SylPro offers high nutritional and functional properties in petfood applications.*

### Typical Composition Analysis (% As Is)

Crude Protein	55%
Crude Fat	7%
Crude Fiber	1%
Crude Ash	9%
Moisture	7%
NDF	<1%
ADF	<1%
Starch	3%
Beta-glucans	9%

### Recommended Application

SylPro is an excellent protein source for use in dog and cat foods, with its high digestibility, excellent palatability, and balanced amino acid profile. The recommended inclusion is up to 20%.



### Sylpro Meets Clean Label Attributes

- No animal origins
- No preservatives, artificial colors and flavors
- Natural, sustainable ingredient
- Non-GMO, Grain-free
- No allergens, No ANF

### Successful Study Results With Dogs

*Dog Maintenance Study Results\*, SylPro meets AAFCO requirements:*

- ✓ Met requirements for AAFCO adult dog maintenance trial
- ✓ Excellent protein source for adult dogs
- ✓ Clear improvement in stool quality

\*26-week AAFCO weight maintenance trial was conducted by Four Rivers Kennel, advised by Dr. Craig Coon.

### Excellent Digestibility Results For Cats

*Cat Digestibility Study Results\**

- ✓ Foods prepared with SylPro exhibits excellent protein digestibility
- ✓ Significantly improved digestibility compared to soybean meal
- ✓ High fiber digestibility

\*Study performed at Kansas States University by Pr. Greg. Aldrich

### Samples Of SylPro Are Available

Email us at: [petfood@arbiom.com](mailto:petfood@arbiom.com)

Find us on [arbiom.com](https://arbiom.com)

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## CATS AND DOGS VALIDATED SYLPRO

### Cat Palatability Study Results

*1. Study performed at Kansas States University by Pr. Greg. Aldrich*

- ▶ Cats preferred the food formulated with SylPro over food formulated with conventional protein ingredients, such as chicken meal and pea protein concentrate.
- ▶ Cats not only chose the SylPro-based food first, but they remained with the SylPro based food as their preferred food choice.

Diet comparison (A vs. B)	FC, n <sup>1</sup>	Diet A:B <sup>2</sup>
SylPro vs. CHICKEN	36*	6.26*
SylPro vs. PEA	25	2.33*

\*Comparisons differ (P<0.05)

<sup>1</sup> First Choice (FC): number of first choice for Diet (40 observations)

<sup>2</sup> Intake Diet A/Diet B

*2. Study performed by a European cat treats manufacturer. 30 cats living in their own environment.*

- ▶ Cats preferred the treats coated with SylPro over treats coated with autolyzed dry yeast.
- ▶ Cats chose and ate more SylPro treats.

### Regulatory

International Feed Number: 7-05-534

US: AAFCO 96.7; FDA 21 CFR Part 172.896

EU: (CE) 2017/1017

Canada: Schedule IV, 7.2.6

Labeling: Torula Spray Dried Yeast

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