

## SPECIFICATIONS & CERTIFICATE OF ANALYSIS

# Sunfiber®

### Sunfiber® AG (Prebiotic Soluble Dietary Fiber; Agglomerated)

Lot No. 211011

Mfg. Date: Nov. 1, 2022

Item Code: SUNFIBERAG

Re-Test Date: Oct. 31, 2024

ITEMS	SPECIFICATIONS	RESULTS	METHOD
Appearance <sup>1</sup>	White to off-white powder	Conforms	Visual Inspection
Dietary Fiber	85.0% Min.	87.4%	AOAC 2009.01
Loss on Drying	7.0% Max.	4.9%	3g 105°C 3 hr.
Ash	1.5% Max.	0.9%	Direct Incineration (1g 600°C 3 hr)
Protein	1.0% Max.	0.5%	Kjeldahl Method, Nx6.25
pH	6.0 – 7.0	6.2	pH meter, 5% sol
Viscosity	13 mPa.s Max.	7.8 mPa.s	Brookfield Viscometer, (5% sol. 5°C)
<b>Particle Size:</b>			
Retained on US#20	2% Max.	0.2%	USS #20 sieve
Pass Thru US#80	40% Max.	16.8%	USS #80 sieve
Loose Bulk Density	0.22 – 0.28 g/cc	0.22 g/cc	LBD (at the time of production)
Heavy metal (as Pb) <sup>3</sup>	Less than 10.0 µg/g	< 10.0 µg/g	Sodium sulfide method
Lead	0.5 µg/g Max.	< 0.1 µg/g	ICP Method
Cadmium	0.5 µg/g Max.	< 0.1 µg/g	ICP Method
Arsenic (as As <sub>2</sub> O <sub>3</sub> )	1.5 µg/g Max.	0.23 µg/g	ICP Method
Mercury	0.1 µg/g Max.	< 0.1 µg/g	ICP Method
<b>Microbiology:</b>			
Total Plate Count	3,000 CFU/g Max.	210 CFU/g	Standard agar plate
Yeast	100 CFU/g Max.	< 10 CFU/g	Potato dextrose agar plate
Mold	100 CFU/g Max.	< 10 CFU/g	Potato dextrose agar plate
Coliforms	3.0 MPN/g Max.	< 3.0 MPN/g	BGLB-MPN Method
Salmonella	Negative/375 g	Negative	Selenite cystine, tetrathionate broth
Staph. Aureus	Negative/25 g	Negative	Vogel Johnson agar plate
E. Coli	Negative/10g	Negative	MacConkey agar plate

- Ingredients: 100% Partially Hydrolyzed Guar Gum (PHGG)
- Sunfiber® is a galactomannan-based soluble, prebiotic dietary fiber
- Sunfiber® is Food Grade, GRAS (Self-Affirmation) & Non-GMO
- Sunfiber® is certified Kosher and Halal
- Sunfiber® is certified to be free of residual pesticides as per USP <561>
- Sunfiber® is Non-GMO Project Verified
- Sunfiber® is Monash University Low FODMAP Certified™



<sup>1</sup> Sunfiber is a natural product and slight color variation may occur over time.

<sup>2</sup> This natural agglomeration is fragile and care must be taken when handling and processing in order to not break down the agglomeration. Do not over mix, auger or compact the material.

<sup>3</sup> Tested Periodically

**Sunfiber® is part of an exclusive portfolio of proprietary ingredients from NutriScience Innovations LLC, and is a registered trademark of Taiyo International, Inc.**