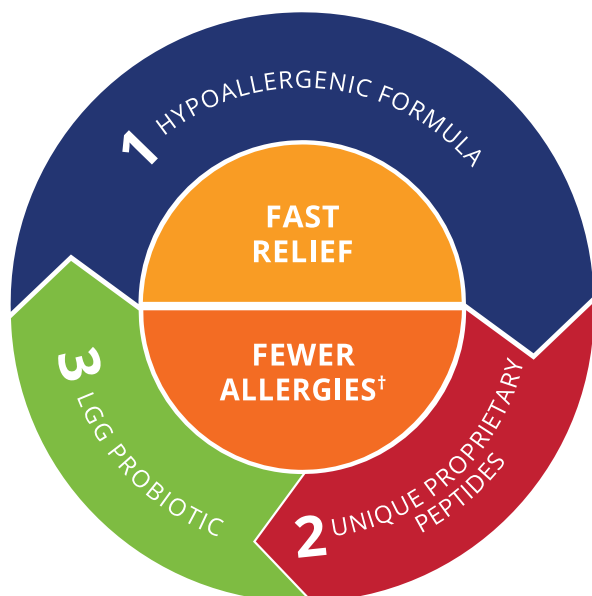


# Nutramigen® Hypoallergenic EHCF with Enflora™ LGG®\*

## Unique 3-in-1 MOA

Efficacy with LGG® Probiotic and Proprietary Peptides



### 1) HYPOALLERGENIC FORMULA

- Extensively hydrolyzed casein formula broken down into small, hypoallergenic peptides
- Reduced antigen exposure
- Less immune recognition

### 2) UNIQUE PROPRIETARY PEPTIDES

- Residual amounts of casein proteins (or peptides) hypothesized to be tolerogenic
- Thought to activate T regulatory cells, which expedite tolerance acquisition of CMP (enabling return to consuming CMP)<sup>1</sup>
- Principle component analysis of peptide profile found EHCF has unique and distinctive peptide profile signature, which may explain unique benefits<sup>2</sup>

### 3) LGG PROBIOTIC

- Shown to increase butyrate-producing gut bacterial species, which may be important for balancing the immune response<sup>3</sup>
- Supports tight junction proteins to reduce intestinal permeability<sup>4</sup>, improve gut barrier function, and help avoid allergen exposure<sup>5,6</sup>
- Stimulates Th1 responses involved in the development of tolerance to allergens<sup>6</sup>
- Supports gut microbiome balance, helping to train the immune system to overcome allergies<sup>3</sup>

**LGG®\***

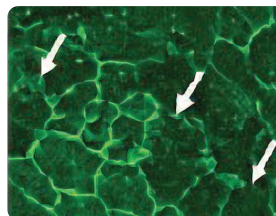
The Most Researched Probiotic Strain<sup>7</sup>

Over 400 scientific studies  
More than 100 clinical trials

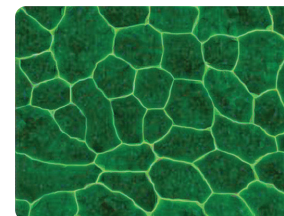
### LGG PROMOTES GUT BARRIER FUNCTION

- The gut barrier includes a single layer of epithelial cells held together by tight junctions
- When these junctions are disrupted, integrity of the gut barrier is compromised

**In vitro model demonstrates LGG supports intestinal barrier function**



*E. coli* O157:H7<sup>4</sup>



LGG followed by *E. coli* O157:H7<sup>4</sup>

CMP=cow's milk protein EHCF=extensively hydrolyzed casein formula

\* LGG® is a registered trademark of Chr. Hansen A/S.

† When it refers to asthma, eczema, rhinoconjunctivitis, and urticaria at three years.

**References:** 1. Flocchi A et al. *Pediatr Allergy Immunol.* 2010;21(suppl 21):1-125. 2. Lambers TT et al. *Food Science and Nutrition.* 2015;3:81-90. 3. Canani RB et al. *ISME J.* 2016;10:742-750. 4. Johnson-Henry KC et al. *Infect Immun.* 2008;76:1340-1348. 5. Isolauri E et al. *Gastroenterology.* 1993;105:1643-1650. 6. Segers ME et al. *Microbial Cell Factories.* 2014;13(Suppl 1):S7. 7. Vanderhoof J, Quigley EM. *Probiotics: A Foundation for Gastrointestinal Health in Infants, Children, and Adults.* Sherman Oaks, CA: Health Point Press; 2008:17.