LoTox™ Peanut Flour Protein
(with Defined Allergen Content)

Product Code: LTN-AHRE-4

Peanut Flour Protein

Allergen:	*Arachis hypogaea*
Lot No:	**xxxxx**
Source:	Light roasted peanut flour (*Runner* cultivar)
Mol. Wt:	Ara h 1: 64 kD monomer; Ara h 2: 19-19 kD doublet Ara h 3: 58 kD non-red; Ara h 6: 14.5 kD; Ara h 8: 17 kD
ELISA:	See product insert for specific peanut allergen concentrations
Concentration:	See product insert for total protein concentration
Volume:	1 ml
Formulation:	Preservative and carrier-free in sterile, endotoxin-free phosphate-buffered saline, 1M NaCl, pH 7.4. Sterile filtered.
Storage:	Store at -20ºC. Do not allow product to remain at 4°C or room temperature for extended periods of time. Re-freeze unused portion and aliquot into smaller quantities if necessary to avoid freeze/thaw cycles.
Notes:	1. A LoTox™ product: Endotoxin ≤ 0.03 EU/µg. 2. Use sterile tips to avoid contamination of product. 3. Avoid repeated Freeze/Thaw cycles. 4. The LoTox™ Peanut Flour Protein is an InBio® product

<u>For Research Use Only: Not for Diagnostic or Therapeutic Use</u>

REFERENCES:

1) Becker WM and Jappe U. Peanut allergens. Chem Immunol Allergy. 2014;100:256-67.

2) Koid AE et al. Ara h 6 complements Ara h 2 as an important marker for IgE reactivity to peanut. J Agric Food Chem. 2014; 62(1):206-13.

3) Filep S. Specific allergen profiles of peanut foods and diagnostic or therapeutic allergenic products. J Allergy Clin Immunol. 2018;141(2):626-631.