

LoTox™ Natural Gal d 4

Product Code:	LTN-GD4-1
Lot No:	xxxxx
Allergen:	nGal d 4 (<i>Gallus domesticus</i> allergen 4, Lysozyme)
Source:	Partially purified lysozyme from chicken egg white
Mol. Wt:	14 kD
Purification:	Multi-step chromatography. Purity on silver stained SDS-PAGE >95%.
Concentration:	(see package insert) based on OD280. Extinction coefficient = 2.34
Formulation:	Preservative and carrier-free in endotoxin free phosphate buffered saline, pH 7.4. Filtered through 0.22µm filter.
Storage:	Store at -20°C. Avoid repeated freeze-thaw cycles.
Notes:	1. A LoTox™ product, Endotoxin < 0.03 EU/µg.



nGal d 4

For Research Use Only: Not for Diagnostic or Therapeutic Use

REFERENCES:

- 1) Blake CC, Koenig DF, Mair GA, North AC, Phillips DC, Sarma VR. "Structure of hen egg-white lysozyme. A three-dimensional Fourier synthesis at 2 Angstrom resolution". *Nature* 1965; 206 (986): 757-61
- 2) Anet J, Back JF, Baker RS, Barnett D, Burley RW, Howden MEH. Allergens in the white and yolk of hen's egg. A study of IgE binding by egg proteins. *Int Arch Allergy Immunol* 1985; 77:364-371.
- 2) Ebbehøj K, Dahl AM, Frøkiær H, Nørgaard A, Poulsen LK, Barkholt V. Purification of egg white allergens. *Allergy* 1995; 50(2):133-41.
- 3) Jacobsen B, Hoffmann-Sommergruber K, Thordahl Have T, Foss N, Briza P, Oberhuber C, Radauer C, Alessandri S, Knulst AC, Fernandez-Rivas M, Barkholt V. The panel of egg allergens, Gal d 1-Gal d 5: Their improved purification and characterization. *Mol Nutr Food Res* 2008; 52 Suppl 2:S176-85.