

## LoTox™ Natural Can f 1

### Product Code: LTN-CF1-1

Allergen:	nCan f 1 ( <i>Canis familiaris</i> allergen 1)
Lot No:	XXXXX
Source:	dog hair
Mol. Wt:	19 kD
Purification:	Purified from dog extract by multi-step affinity chromatography. Purity > 95% by silver stained SDS-PAGE. (See Panel)
Concentration:	See product insert.
Formulation:	Preservative and carrier-free in endotoxin free phosphate buffered saline, pH 7.4. Filtered through 0.22µm filter.
Storage:	Store at -20°C
Notes:	(1) Can f 1 belongs to the lipocalin protein family (2) A LoTox™ product, Endotoxin < 0.03 EU/µg. (3) Avoid repeated Freeze/Thaw cycles.



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**Allergens are provided for research and commercial use in vitro.**  
**Not for human in vivo or therapeutic use.**

### REFERENCES:

1. Konieczny A, Morgenstern JP, Bizinkauskas CB, Lilley CH, Brauer AW, Bond JF, et al. The major dog allergens, Can f 1 and Can f 2, are salivary lipocalin proteins: cloning and immunological characterization of the recombinant forms. *Immunology* 1997;92:577-86.
2. Pomes A, Smith AM, Gregoire C, Vailes LD, Arruda LK, Chapman MD. Functional properties of cloned allergens from dust mite, cockroach, and cat- are they relevant to allergenicity? *ACI International* 2001;13:162-169.