

## Molecular Composite Peanut

**Product Code:** MCP-AH-1

**Allergens:** nAra h 1 (7S globulin)  
nAra h 2 (2S albumin)  
nAra h 3 (11S globulin)  
nAra h 6 (2S albumin)

**Lot No:** 47611

**Source:** Light roasted peanut flour (Ara h 2, Ara h 6)  
Blanched peanut (Ara h 1, Ara h 3)

**Mol. Wt:** 64.5 kD (Ara h 1), 17-19 kD doublet (Ara h 2), multiple subunits 14-45kD (Ara h 3), 14.5 kD (Ara h 6)

**ELISA:** Contains: 0.35 mg/ml Ara h 1; 0.45 mg/ml Ara h 2; 0.37 mg/ml Ara h 3; 0.33 mg/ml Ara h 6.

**Purification:** From delipidated peanut extract by multi-step chromatography. Purity >95% by SDS-PAGE.

**Concentration:** 1.3 mg/ml based on BCA Protein Assay. (Thermo Scientific, Rockford, IL)

**Formulation:** Preservative-free and carrier-free in phosphate buffered saline, pH 7.4. Sterile filtered.

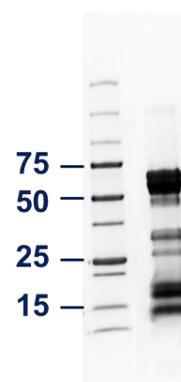
**Storage:** Store at -20°C. Avoid repeated freeze-thaw cycles.

**Expiration:** 04/2027; when stored at -20°C.

**Released by:** *Lisa D Vaile*

**Notes:** (1) Composite of four purified major peanut allergens at equimolar concentrations.  
(2) Bring to room temperature before use.

**Gel Image:**  
Molecular Composite  
Peanut



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