

# Nu-Tek Soy Peptone HSP-A10KF

Product Code: 1000



QMS Certification Services

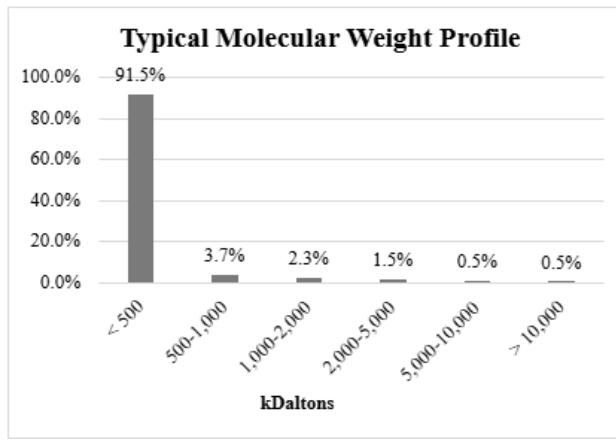
## Ultra-Filtered for Filterability and Functionality

HSP-A10KF is an enzymatically hydrolyzed non-GM soy protein powder high in low molecular weight peptides. HSP-A10KF is ultra-filtered for use as a low bio, low endotoxin ingredient with improved filterability. The product is brilliantly clear in solution and can be used in fermentation and advanced cell culture media. This material is completely soluble when used at concentrations as high as 35%. HSP-A10KF is Animal-free, Kosher and HALAL.

### Product Specification and Typical Mineral Content

Test	Method	Typical Result	Mineral	Typical Result
Appearance	Visual	Light Tan Powder	Calcium	67.8 mg/100g
Moisture	AOAC 991.02	<5.0%	Copper	0.2 mg/100g
Total Nitrogen (dry basis)	AOAC 992.23	7.5-9.2%	Iron	9.1 mg/100g
Amino Nitrogen	AOAC 973.31	2.8-3.6%	Magnesium	265.4 mg/100g
pH (2% solution)	AACC-02-05	6.3-7.3	Phosphorus	309.8 mg/100g
Standard Plate Count	AOAC 990.12	<1000 CFU/g	Potassium	3814.0 mg/100g
Coliform	AOAC 991.14	<10 CFU/g	Sodium	2476.0 mg/100g
Yeast & Mold	FDA BAM, 7 <sup>th</sup> Ed.	<50 CFU/g	Zinc	3.9 mg/100g
Salmonella	AOAC 2004.03	Negative/25g		
Endotoxin	USP 85	<200 EU/g		

### Typical Amino Acid Profile



Amino Acid	Mg/g	Free
ALA	19.5	8.0
ARG	29.2	16.6
ASP	50.7	6.6
CYS	NA	NA
GLU	85.9	16.5
GLY	18.0	2.6
HIS	12.1	9.9
ILE	19.5	7.6
LEU	29.4	20.0
LYS	29.3	12.6
MET	6.5	3.9
PHE	19.8	13.8
SER	22.2	11.5
THR	17.7	5.3
TYP	10.1	0.1
VAL	19.9	10.0

### Packaging and Storage

**Packaging:** 25kg Polyethylene bag in a corrugated box or drum. Additional configurations available.

**Storage Requirements:** This product should be kept in a cool, dry and ventilated place. The product should be used as soon as possible after the bag has been opened. Any partially used bags must be sealed properly to prevent moisture absorption by product.

**Shelf Life:** The shelf life of this product is 3 years when stored at <30°C.

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