

# Nu-Tek Soy Peptone HSP-A

Product Code: 1100



QMS Certification Services

## For Use in Culture Media and Fermentation Nutrient Systems

HSP-A is an enzymatically hydrolyzed Non-GM soy protein powder high in low molecular weight peptides. The product is brilliantly clear in solution and can be used in industrial fermentation and advanced cell culture media applications. HSP-A is Animal-free, Kosher and HALAL.

### SPECIFICATIONS:

#### Physical Analysis:

Moisture	< 5.0%
Total Nitrogen (dry basis)	7.5–9.2%
Amino Nitrogen (dry basis)	2.8–3.6%
pH (10% Solution)	6.3–7.5

#### Microbiological Analysis:

Standard Plate Count	<5,000 cfu/g
Coliform	<10 cfu/g
Yeast & Mold	<50 cfu/g
Salmonella	Negative/25g

#### Packaging:

25 Kg Polyethylene bag in a corrugated box.

#### 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 adsorption by product.

#### Shelf Life:

The shelf-life of the product is 3 years when stored at < 30°C.

### Typical Amino Acid Profile (mg/g):

Amino Acid	Free
ASP	6
CYS	NA
SER	9
TYR	5
GLU	15
VAL	8
GLY	2
MET	4
HIS	6
LYS	16
ARG	14
ILE	9
THR	5
LEU	19
ALA	5
PHE	11
<b>TOTAL</b>	<b>137</b>

