

# Nu-Tek Soy Peptone HSP-A10KF

Product Code: 1000



QMS Certification Services

## Ultra-Filtered to Provide an Increased Purity

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 peptone with improved filterability. The product is brilliantly clear in solution and can be used in bacterial and cell culture fermentations. HSP-A10KF is Animal-free, Kosher and HALAL.

### SPECIFICATIONS:

#### Typical Analysis:

Moisture	<6.0%
Total Nitrogen (dry basis)	7.5-9.2%
Amino Nitrogen (dry basis)	2.8-4.2%
pH (10% solution)	6.3-7.3
Standard Plate Count	<5,000 cfu/g
Coliform	<10 cfu/g
Yeast and Mold	<50 cfu/g
Salmonella	Negative/25g
Endotoxin	<500 EU/g

#### Packaging:

25 Kg Polyethylene bag in a plastic drum

#### 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 the product is 3 years when stored at <30° C.

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

Amino Acid	Free Amino Acid
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>

