

# Nu-Tek Soy Peptone HSP-N UF

Product Code: 1075



QMS Certification Services

## For Cell Culture Media and Industrial Fermentation

HSP-N is an enzymatically hydrolyzed Non-GM soy protein powder high in low molecular weight peptides. This product has been designed to have higher nitrogen content to help customers match registration requirements and fortify their supply chain. The product is brilliantly clear in solution and can be used in industrial fermentation and advanced cell culture media applications. HSP-N is Animal-free, Kosher and HALAL.

### SPECIFICATIONS:

#### Physical Analysis:

Moisture	< 5.0%
Total Nitrogen (dry basis)	>8.75%
pH (2% Solution)	6.7-7.5

#### Microbiological Analysis:

Standard Plate Count	<5,000 cfu/g
Coliform	<10 cfu/g
Yeast & Mold	<50 cfu/g
Salmonella	Negative/25g
Endotoxin	<500 EU/g

#### 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.

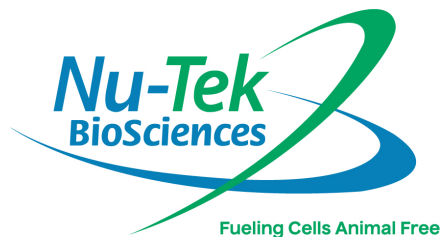
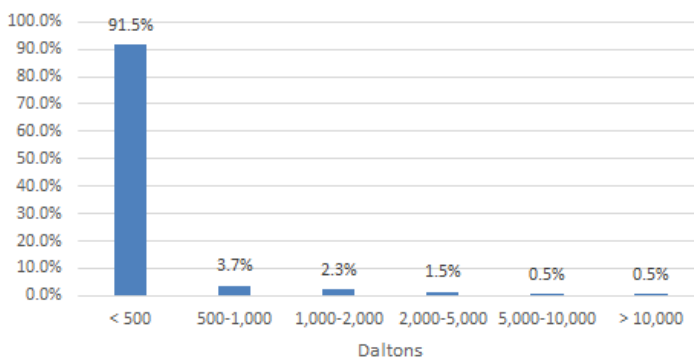
### Typical Amino Acid Profile

Amino Acid	mg/g	Free
ASP	64.9	7.7
CYS	NA	NA
SER	27.5	12.6
TYR	10.8	1.6
GLU	110.3	19.1
VAL	26.4	14.5
GLY	22.4	4.1
MET	7.5	5.1
HIS	15.0	7.3
LYS	35.9	18.3
ARG	30.3	15.9
ILE	25.4	12.5
THR	20.6	6.9
LEU	38.5	29
ALA	23.1	11
PHE	26.2	17.5

### Additional Information:

Calcium	54.8mg/100g
Copper	<0.1mg/100g
Iron	10.1mg/100g
Magnesium	250mg/100g
Phosphorus	322mg/100g
Potassium	3596mg/100g
Sodium	2446mg/100g
Zinc	3.5mg/100g

### Typical Molecular Weight Profile



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