

Nu-Tek Soy Peptone HSP-A

Product Code: 1100

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 bacterial and cell culture fermentations. HSP-A is Animal-free, Kosher and HALAL.

SPECIFICATIONS:

Physical Analysis:

Moisture	< 6.0%
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:

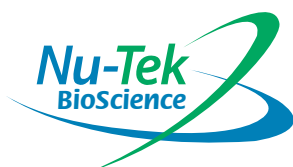
This product should be kept in a cool, dry and ventilated place. The product should be used as soon as possible after the bag has been opened. Any partially used bags must be sealed properly to prevent moisture adsorption by product.

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	Total
ASP	6	45
CYS	NA	5
SER	9	30
TYR	5	15
GLU	15	85
VAL	8	20
GLY	2	20
MET	4	5
HIS	6	15
LYS	16	30
ARG	14	40
ILE	9	20
THR	5	20
LEU	19	30
ALA	5	20
PHE	11	20
TOTAL	137	445



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technologies for the biotech and nutraceutical ingredient industries

952.936.3600

5400 Opportunity Court,
Suite 120
Minnetonka, MN 55343

www.Nu-TekBioScience.com