

# Nu-Tek Pea Peptone HPP-A

Product Code: 7200



QMS Certification Services

## For Cell Culture Media and Industrial Fermentation

HPP-A is an enzymatically hydrolyzed Non-GM pea 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. This material is completely soluble when used at concentrations as high as 35%. HPP-A is Animal-free, Kosher, HALAL and a non-allergen.

### SPECIFICATIONS:

#### Physical Analysis:

Moisture	< 6.0%
Total Nitrogen (dry basis)	12.0–14.5%
Amino Nitrogen (dry basis)	4.0–6.6%
pH (2% Solution)	6.3–7.3

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

Amino Acid	Free Amino Acid
ASP	14
CYS	NA
SER	8
TYR	2
GLU	2
VAL	18
GLY	3
MET	1
HIS	6
LYS	19
ARG	2
ILE	17
THR	11
LEU	35
ALA	10
PHE	20
<b>TOTAL</b>	<b>168</b>

