

# Nu-Tek Pea Peptone HPP-A UF

Product Code: 7100

## Ultra-Filtered to Provide an Increased Purity

HPP-A UF is an enzymatically hydrolyzed Non-GM pea protein powder high in low molecular weight peptides. HPP-A UF is ultra-filtered to improve filterability. The product is brilliantly clear in solution and can be used in bacterial and cell culture fermentations. HPP-A UF is Animal-free, Kosher, HALAL and not considered an allergen.

### SPECIFICATIONS:

#### Physical Analysis:

|                            |            |
|----------------------------|------------|
| Moisture                   | < 6.0%     |
| Total Nitrogen (dry basis) | 12.0–14.5% |
| Amino Nitrogen (dry basis) | 4.0–6.6%   |
| pH (10% Solution)          | 6.3–7.7    |

#### 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:

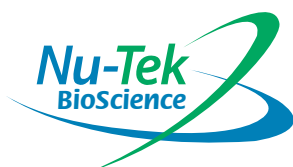
This product should be kept in a cool, dry and ventilated place. The product should be used as soon as possible after the bag has been opened. Any partially used bags must be sealed properly to prevent moisture adsorption by product.

#### 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>      |



*This information is presented in good faith and great care was used in its preparation. However, no warranty, guarantee, or freedom from patent infringement is implied or inferred. This information is offered solely for your consideration and verification.*

technologies for the biotech and nutraceutical ingredient industries

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