

Nu-Tek Soy Peptone HSP-N UF

Product Code: 1075



QMS Certification Services

Ultra-Filtered for Filterability and Functionality

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:

Typical Analysis:

| | |
|----------------------------|--------------|
| Moisture | < 5.0% |
| Total Nitrogen (dry basis) | >8.75% |
| Amino Nitrogen | ≥3.5% |
| pH (2% Solution) | 6.7-7.5 |
| Standard Plate Count | <1,000 cfu/g |
| Coliform | <10 cfu/g |
| Yeast & Mold | <50 cfu/g |
| Salmonella | Negative/25g |
| Endotoxin | <200 EU/g |

Packaging:

25kg Polyethylene bag in a plastic box or 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:

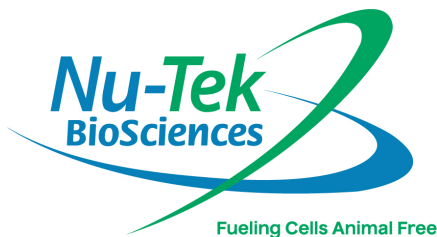
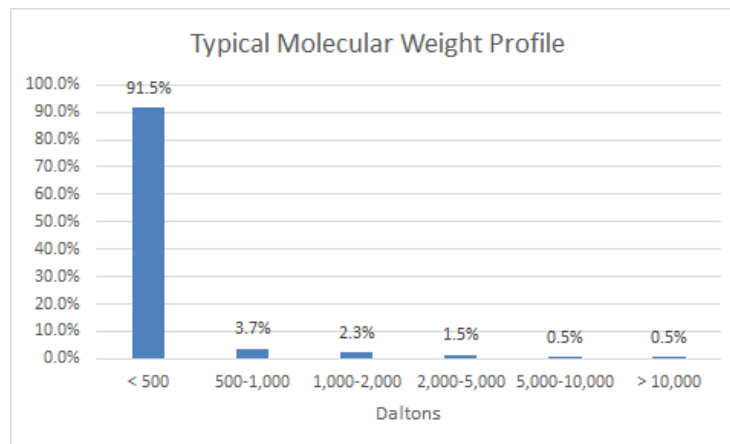
The shelf life of the product is 3 years when stored at <30°C.

Typical Amino Acid Profile

| 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 |



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