

Nu-Tek Soy Peptone HSP-N

Product Code: 1175



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.

Product Specification and Typical Amino Acid Profile

<u>Test</u>	<u>Method</u>	<u>Typical Result</u>	<u>Amino Acid</u>	<u>Mg/g</u>	<u>Free</u>
Appearance	Visual	Light Tan Powder	ALA	23.1	11
Moisture	AOAC 991.02	<5.0%	ARG	30.3	15.9
Total Nitrogen (dry basis)	AOAC 992.23	>8.75%	ASP	64.9	7.7
Animo Nitrogen	AOAC 973.31	>3.0%	CYS	NA	NA
pH (10% solution)	AACC-02-05	6.7-7.5	GLU	110.3	19.1
Standard Plate Count	AOAC 990.12	<5000 CFU/g	GLY	22.4	4.1
Coliform	AOAC 991.14	<10 CFU/g	HIS	15	7.3
Yeast & Mold	FDA BAM, 7 th Ed.	<50 CFU/g	ILE	25.4	12.5
Salmonella	AOAC 2004.03	Negative/25g	LEU	38.5	29
			LYS	35.9	18.3
			MET	7.5	5.1
			PHE	26.2	17.5
			SER	27.5	12.6
			THR	20.6	6.9
			TYR	10.8	1.6
			VAL	26.4	14.5

Packaging and Storage

Packaging: 25kg Polyethylene bag in a corrugated box or drum. Additional configurations available.

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 this product is 3 years when stored at <30°C.

This information is presented in good faith and is offered solely for your consideration and verification. No warranty, guarantee or freedom from patent infringement is implied or inferred.