

# Nu-Tek Wheat Hydrolysate HWP-A UF

Product Code: 6302



QMS Certification Services

## Ultrafiltered for use in Biologics applications

HWP-A is an enzymatically hydrolyzed wheat gluten powder. This material is ultrafiltered for consistently lower endotoxin and improved filterability for pharmaceutical applications. This material is completely soluble when used at concentrations as high as 35%. This version of HWP-A is Animal-free, Kosher and HALAL.

## Product Specification

<u>Test</u>	<u>Method</u>	<u>Typical Result</u>
Appearance	Visual	Light Tan to Brown Powder
Moisture	AOAC 991.02	<6.0%
Total Nitrogen (dry basis)	AOAC 992.23	≥13.0%
Amino Nitrogen	AOAC 973.31	≥2.0%
pH (10% solution)	AACC-02-05	5.8-7.0
Standard Plate Count	AOAC 990.12	<5000 CFU/g
Coliform	AOAC 991.14	<10 CFU/g
Yeast & Mold	FDA BAM, 7 <sup>th</sup> Ed.	<50 CFU/g
Salmonella	AOAC 2004.03	Negative/25g
Endotoxin	USP 85	<200 EU/g

## Packaging and Storage

**Packaging:** 25kg Polyethylene bag in a plastic 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.

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