

# Nu-Tek Yeast Extract NTB3-UF

Product Code: 9603

## For Use in Mammalian & Insect Cell Culture

Nu-Tek's NTB-UF is a yeast hydrolysate of *Saccharomyces cerevisiae*. The resulting yeast product is rich in, peptides, vitamins, amino acids and other micronutrients. This material is ultra-filtered to further remove impurities and improve filterability. It is brilliantly clear and completely soluble in high concentrations. NTB-UF can be used by itself or in conjunction with other ingredients. Enhanced performance has been observed in CHO, Vero, NS0, sf9, and sf21 cell culture applications. This material is a suitable alternative to yeastolates or yeast peptones often used in these applications.



QMS Certification Services

### SPECIFICATIONS:

#### Typical Analysis:

Appearance	Light Tan Powder
Total Nitrogen	≥ 9.0%
Amino Nitrogen	≥ 3.5%
AN/TN Ratio	0.45-0.65
Moisture	≤ 8.0%
pH (2% Solution)	5.0-7.5
IR	Compliant
Total Plate Count	< 1,000 cfu/g
Coliform	< 30 cfu/g
Salmonella	Neg./25g
Mycoplasma	Negative
Yeast & Mold	≤ 200EU/g
Endotoxin	≤ 100ug/g

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

Amino Acid	Free Amino Acid
ASP	7.5
ALA	4.9
ARG	3.6
CYS	0.7
GLU	12.7
GLY	3.5
HIS	1.6
ILE	3.8
LEU	5.2
LYS	5.9
MET	1.0
PHE	3.1
PRO	2.6
SER	2.9
THR	3.6
TYR	1.7
VAL	4.5
<b>TOTAL</b>	<b>68.8</b>

#### Packaging:

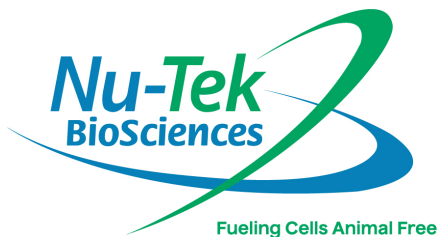
25 Kg Polyethylene bag in a corrugated box. Various other packaging configurations are available.

#### 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 adsorption by product.

#### Shelf Life:

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



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