

Nu-Tek Yeast Extract FP100

Product Code: 9605

For Use in Mammalian Cell Culture

Nu-Tek's FP100 is a yeast hydrolysate of *Saccharomyces cerevisiae*. The resulting yeast product is rich in, peptides, vitamins, amino acids and other micronutrients. It is brilliantly clear and completely soluble in a 5% solution. FP100 can be used by itself or in conjunction with other ingredients. Enhanced performance has been observed in CHO cell culture applications. This material is a suitable alternative to yeastolates and yeast peptones often used in these applications

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)	5.4-7.2
IR	Compliant
Total Plate Count	<1,000 cfu/g
Coliform	<30 cfu/g
Salmonella	Neg./25g
Mycoplasma	Negative
Endotoxin	≤200EU/g
Glucan	≤100ug/g

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.



QMS Certification Services

Typical Amino Acid Profile

Amino Acid	mg/g	Free
ASP	64.2	20.5
CYS	7.1	NA
SER	28.9	28.8
TYR	11.8	6.4
GLU	113.3	55.9
VAL	40.4	25.6
GLY	30.3	12.4
MET	9.5	7.8
HIS	13.7	5.3
LYS	50.3	22.7
ARG	31.9	17.8
ILE	34.9	21.0
THR	29.2	18.0
LEU	43.5	33.7
ALA	48.8	39.8
PHE	27.5	23.4

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