

## Yeast Extract

#GCM24.0500 (500g)  
(FOR RESEARCH ONLY)



**Product:** Yeast Extract is the dehydrated water-soluble fraction of autolyzed *Saccharomyces cerevisiae*. It is widely used as a supplement for microbiological culture media, as it is rich in vitamins, amino acids and other growth factors and as such serves as an excellent nutrient.

**Quantity:** 500g

### Typical amino acid composition (g/100g)

|             |      |                |       |                |      |
|-------------|------|----------------|-------|----------------|------|
| Alanine:    | 8.70 | Arginine:      | 5.00  | Aspartic Acid: | 9.70 |
| Cystine:    | 0.80 | Glutamic acid: | 16.10 | Glycine:       | 4.90 |
| Histidine:  | 2.00 | Isoleucine:    | 5.60  | Leucine:       | 7.60 |
| Lysine:     | 8.00 | Methionine:    | 1.30  | Phenylalanine: | 3.80 |
| Proline:    | 4.00 | Serine:        | 4.70  | Threonine:     | 4.40 |
| Tryptophan: | 1.20 | Tyrosine:      | 2.30  | Valine:        | 5.80 |

### Chemical Characteristics:

|                        |            |
|------------------------|------------|
| Amino Nitrogen:        | min: 4.5%  |
| Total Nitrogen:        | min: 10%   |
| Loss on drying:        | max: 6%    |
| Ash content:           | max: 16%   |
| Chlorides (e.g. NaCl): | max: 0.5%  |
| Proteins:              | min: 62.5% |
| pH (2%)                | 6.8 ± 0.2  |

**Appearance:** Clear Beige powder.

**Storage:** 2°C – 25°C. When not in use, keep container closed to avoid hydration.