



## Certificate of Analysis

### Amino Acid 80%

#### ♦ General Description:

Appearance: Light Yellow Powder

Description: Natural polymer (amino acids and peptides) derived from plant-based materials, modified by chemical hydrolysis.  
Hydrolyzed protein extracted from plant sources, filtered, concentrated, and spray dried.  
Water-soluble powder.

#### ♦ Chemical & Microbiological Analysis:

Total Amino Acid  $\geq 80\%$   
Total Nitrogen  $\geq 12\%$   
Organic Matter  $\geq 80\%$   
Moisture  $\leq 5\%$   
PH 4-6  
Water-Solubility 100%

#### ♦ Amino Acids:

|               |        |               |       |
|---------------|--------|---------------|-------|
| Aspartic Acid | 5.19%  | Valine        | 2.27% |
| Glutamic Acid | 10.38% | Leucine       | 2.80% |
| Serine        | 0.59%  | Isoleucine    | 1.18% |
| Arginine      | 3.73%  | Phenylalanine | 1.66% |
| Glycine       | 23.98% | Histidine     | 0.56% |
| Threonine     | 0.49%  | Lysine        | 2.60% |
| Proline       | 13.29% | Tyrosine      | 0.44% |
| Alanine       | 10.26% | Methionine    | 0.77% |

#### ♦ Agricultural Usage:

Foliar and fertigation.

#### ♦ Storage:

Use cool & dry storage places. Keep away from Acids, Alkalis, reduction Agents. etc.