Material Technical Data Sheet

Amino Acid 60%

- **General Description:**
  Appearance: Yellow Brown Powder.
  Description: Natural polymer (amino acids and peptides) modified by chemical hydrolysis. Hydrolyzed protein based on hair and/or feathers, filtered, concentrated and spray dried. Water-soluble powder.

- **Chemical & Microbiological Analysis:**
  Total N ≥ 17%
  Total Amino Acid ≥ 60%
  Organic Carbon ≥ 35%
  Total plate count LT 5’000/g
  Salmonella (25g) Negative
  pH 4-5

- **Amino Acids:**
  Glutamic Acid 8.88% Leucine 4.46%
  Serine 7.39% Glycine 3.54%
  Proline 6.23% Alanine 2.89%
  Arginine 5.44% Cysteine 1.53%
  Valine 3.59% Isoleucine 1.97%
  Aspartic Acid 4.49% Lysine 1.85%
  Phenylalanine 1.57% Tyrosine 0.70%
  Histidine 0.62% Tryptophan 0.20%
  Methionine 0.19% Hydroxyproline 0.02%
  Hydroxylysine 0.02% Threonine 4.42%

- **Agricultural Usage:**
  Foliar and fertigation.

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

- **Date of Issuance:** January, 2016