



Technical Data Sheet

TBIO Amino Acid Powder HC

Physical Properties	Chemical Properties	AminoGram		Heavy Metals
Form: Powder	Total Amino Acid Content: 70 %	L-Met: 1.12 %	L-Asp: 3.52 %	Cd: 2.0 ppm
Color: Light Yellow	Total Organic Nitrogen: 11.2 %	L-Ile: 2.09 %	L-Thr: 2.15 %	As: 5.0 ppm
Smell: Special Aromatic Smell		L-Leu: 7.44 %	L-Ser: 3.00 %	Cu: 2.0 ppm
Water Solubility: Completely		L-Tyr: 0.66 %	L-Glu: 13.95 %	Hg: 0.5 ppm
Specific Gravity: 0.48		L-Phe: 3.23 %	L-Gly: 13.82 %	Ni: 1.0 ppm
Moisture: 5 %		L-Lys: 1.57 %	L-Ala: 6.08 %	Pb: 10.0 ppm
PH Value: 4.8 – 5.1		L-His: 0.93 %	L-Cys: 0.79 %	
		L-Arg: 2.49 %	L-Val: 3.05 %	
		L-Pro: 5.70 %	L-Trp: N/A	

General Information

This compound amino acids powder is obtained from the hydrolysed protein, containing 17 free amino acids, perfect water solubility, quite stable chemical properties together with the average molecular weight is less than 1000.

This product is stable, safe, non-toxic, non-stimulant and easily deliquesce.

Application

The foliar application of amino acid greatly reduces the energy used by plants for their production and translocation. The energy saved can be used by plants for other vital processes, resulting in more uniform and lasting growth, especially during the periods of intermittent stress.

Foliar use: dilution rate is: 1:800-1000 times

Packaging and storage

Available in 1Kg, 5Kg, 10Kg, 20Kg bag or 600Kg bulk bag

To be stored in a dry, clean, dark, well ventilated, moisture proof place. When stored under normal conditions in original unopened containers, no change of its physical, chemical and biological properties will occur in a minimum of 2 years.

* **Caution:** the miscibility test should be done before formulate with pesticide and fertilizer.

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