



Technical Data Sheet

TBIO Amino Chelate TE

Physical Properties	Chemical Properties	AminoGram (+/- 5 %)		Heavy Metals (+/- 5 %)
Form: Powder	Total Amino Acid: 25 – 30 %	L-Met: 0.25 %	L-Asp: 1.80 %	Cd: 2.0 ppm
Color: Light Black or Brown	Organic Nitrogen: 4 %	L-Ile: 1.25 %	L-Thr: 2.00 %	Hg: 0.5 ppm
Smell: Special Aromatic Smell	Total Nitrogen: 10 %	L-Leu: 2.25 %	L-Ser: 2.50 %	Ni: 1.0 ppm
Water Solubility at 20°C: Completely	Metals in chelate state: 10 %	L-Tyr: 0.50 %	L-Glu: 4.75 %	Pb: 3.5 ppm
pH (10% solution at 20 °C): 3.8 – 4.4	(total of Ca, Cu, Fe, Zn, Mn, Mg, B and Mo)	L-Phe: 1.10 %	L-Gly: 2.50 %	
Bulk Density: 0.55 g/cm ³	Remark: The TE above could be flexible	L-Lys: 0.90 %	L-Ala: 1.75 %	
Moisture: 5 %	combined within total amount of 10% as	L-His: 0.40 %	L-Cys: 1.00 %	
	per request.	L-Arg: 2.00 %	L-Val: 2.00 %	
		L-Pro: 3.75 %	L-Trp: N.A.	

General Information

TBIO Amino Chelate TE contains plants micro nutrients (including Ca, Cu, Fe, Zn, Mn, Mg, B, Mo and so on) as amino acid chelated form.

It can be easily absorbed by plants through leaves and directly join the biochemical process in plant.

Packaging and storage

Available in 1Kg, 5Kg, 10Kg, 20Kg 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:** Due to Product Natural Origin, we strongly recommend before to be used to run compatibility test with other ingredients that are going to be Mixed and / or Formulated. TBIO CROP SCIENCE, will not be liable under any circumstances, for their behavior in the above mentioned mixtures and / or formulations, or the consequences of using the Products.