



## CERTIFICATE OF ANALYSIS

NAME OF THE PRODUCT: AMINOCEL 500

January 20, 2010

CHEMICAL COMPOSITION	% w/w minimum	SOURCE	FORM
L-aminoacids	48.00	Vegetal source	
Nitrogen (N)	9.00	Urea (NH <sub>2</sub> ) <sub>2</sub> CO	Amide (CO(NH <sub>2</sub> ) <sub>2</sub> )
Phosphorous (P <sub>2</sub> O <sub>5</sub> )	7.50	Dipotassium phosphate K <sub>2</sub> HPO <sub>4</sub>	Phosphorus pentoxide (P <sub>2</sub> O <sub>5</sub> )
Potassium (K <sub>2</sub> O)	9.20	Dipotassium phosphate K <sub>2</sub> HPO <sub>4</sub>	Potassium Oxide (K <sub>2</sub> O)
Iron (Fe)	0.08	Iron Sulfate FeSO <sub>4</sub> ·7H <sub>2</sub> O	Mineral Fe
Zinc (Zn)	0.022	Zinc Sulfate ZnSO <sub>4</sub> ·H <sub>2</sub> O	Mineral Zn
Manganese (Mn)	0.005	Manganese Sulfate MnSO <sub>4</sub> ·H <sub>2</sub> O	Mineral Mn
Magnesium (Mg)	0.10	Magnesium Sulfate Mg SO <sub>4</sub> ·7H <sub>2</sub> O	Mineral Mg
Molybdenum (Mo)	0.005	Ammonium Molybdate (NH <sub>4</sub> ) <sub>6</sub> Mo <sub>7</sub> O <sub>24</sub>	Molybdate (MoO <sub>4</sub> )
Boron (B)	0.010	Sodium Tetraborate Na <sub>2</sub> B <sub>4</sub> O <sub>7</sub>	Mineral Boron

L-AMINOACIDS		
AMINO ACID	mg/100mg (%)	SOURCE
Aspartic (ASP)	3.77	Vegetal source
Threonine (THR)	2.52	Vegetal source
Serine (SER)	6.24	Vegetal source
Glutamic (GLU)	5.9	Vegetal source
Proline (PRO)	5.55	Vegetal source
Glycine (GLY)	4.29	Vegetal source
Alanine (ALA)	2.25	Vegetal source
Cystein (CYS)	ND	ND
Valine (VAL)	3.73	Vegetal source
Methionine (MET)	ND	ND
Isoleucine (ILE)	2.37	Vegetal source
Leucine (LEU)	4.09	Vegetal source
Tyrosine (TYR)	ND	ND
Phenylalanine (PHE)	2.69	Vegetal source
Histidine (HIS)	0.35	Vegetal source
Lysine (LYS)	1.01	Vegetal source
Arginine (ARG)	3.27	Vegetal source
TOTAL	48.03	

ND= Not Detected

PHYSICAL NATURE: WATER SOLUBLE POWDER

COLOR: BROWN

APPLICATION METHOD: FOLIAR APPLICATION

APPLICATION RATE: 1 KG/HA

pH AT APPLICATION RATE: 7.2

PACKS: 100 grs, 200 grs, 500 grs, 1 Kg, 10 Kg.

JACKELINE GARZA G.  
QUALITY CONTROL / INVESTIGATION  
& DEVELOPMENT MANAGER