



FERTILIZERS ANALYSIS

Parameters	Technique
Nutrients:	
Nitrogen:	
Total Nitrogen	Titrimetry
Nitrate Nitrogen	Titrimetry
Ammonical Nitrogen	Titrimetry
Magnesium	MP-AES
Iron	MP-AES
Nickel	MP-AES
Manganese	MP-AES
Zinc	MP-AES
Copper	MP-AES
Molybdenum	MP-AES
Micro nutrients:	
Arsenic	MP-AES
Cadmium	MP-AES
Mercury	FIMS
Lead	MP-AES
Chromium	MP-AES
Other elements	
See Elemental analysis list below	
NPK	
Total Nitrogen	Titrimetry
Phosphorous	MP-AES
Potassium	MP-AES
CAN	
Total nitrogen	Titrimetry
Calcium	MP-AES
Calcium as CaO	MP-AES
Ammoniacal Nitrogen	Titrimetry
Nitrate	Titrimetry

Elemental Analysis	
Aluminium (Al)	MP-AES
Antimony (Sb)	MP-AES
Arsenic (As)	GF-AAS
Beryllium (Be)	MP-AES
Boron (B)	MP-AES

Cadmium (Cd)	GF-AAS
Calcium (Ca)	MP-AES
Calcium as CaO	MP-AES
Chromium (Cr)	MP-AES
Cobalt (Co)	MP-AES
Copper (Cu)	MP-AES
Iron (Fe)	MP-AES
Lead (Pb)	GF-AAS
Magnesium (Mg)	MP-AES
Magnesium as MgO	MP-AES
Manganese (Mn)	MP-AES
Mercury (Hg)	FIMS
Nickel (Ni)	MP-AES
Phosphorus (P)	MP-AES
Phosphorus as P ₂ O ₅	MP-AES
Potassium (K)	MP-AES
Potassium as K ₂ O	MP-AES
Selenium (Se)	MP-AES
Silver (Ag)	MP-AES
Sodium (Na)	MP-AES
Tin (Sn)	MP-AES
Zinc (Zn)	MP-AES