



Material / Products Tested	Type of Tests / Properties Measured / Range of Measurements	Standard Specifications / Techniques Used	
Monoammonium Phosphate	Determination of ammoniacal nitrogen	AOAC 892.01:2016	Kjeldahl Model Distillation Unit S.N VAP 005240 Kjeldahl Model :Behr S1, S.N:4041159 Balance Model :mettler toledo ME802 S.N:B549788736 Model:Meller toledo AB104-S, S.N:1127513929
	Determination of total phosphorus as P ₂ O ₅	AOAC 958.01:2016	Analytical Balance Model AB104-S,S.N 1127513929 Model:ME802,S.N:B549788736 Spectrophotometer Model Jenway 6705 , S.N 57436
Monopotassium phosphate	Determination of total phosphorus as P ₂ O ₅	AOAC 958.01:2016	Analytical Balance Model PB602-s/Fact, S.N 1127373638 Spectrophotometer Model Unico 1200 ,S.N Wp0803005
	Determination of soluble potassium as K ₂ O	AOAC 955.06:2016	Flamephotometer Model Jenway PFP7 ,S.N 15453

Material / Products Tested	Type of Tests / Properties Measured / Range of Measurements	Standard Specifications / Techniques Used	
Urea phosphate	Determination of total nitrogen	AOAC 955.04: 2016	Kjeldahl Model DistillationUnit ,S.N VAP 005240 VELP Model: Velp DK 6,S.N 24236 Kjeldahl behr Model :BehrS1,S.N:4041159
	Determination of total phosphorus as P ₂ O ₅	AOAC 958.01: 2010	Analytical Balance Model PB602-s/Fact,S.N 1127373638 Spectrophotometer Model Unico 1200 S.N Wp0803005
Calcium Nitrate	Determination of nitrated nitrogen	AOAC 892.01: 2016	Kjeldahl Model DistillationUnit ,S.N VAP 005240
	Determination of Ca as CaO	AOAC 964.01:2016	EDTA Titration Method
Potassium Sulphate	Determination of soluble potassium as K ₂ O	AOAC 955.06: 2016	Flamephotometer Model Jenway PFP7, S.N 5453
NPK Fertilizers	Determination of total nitrogen	AOAC 955.04: 2016	Kjeldahl Model DistillationUnit S.N VAP 005240
	Determination soluble phosphorus as P ₂ O ₅	AOAC 958.01: 2016	Analytical Balance Model PB602-s/Fact S.N 1127373638 Spectrophotometer Model Unico 1200 S.N Wp0803005



Material / Products Tested	Type of Tests / Properties Measured / Range of Measurements	Standard Specifications / Techniques Used	
NPK Fertilizers	Determination of total potassium as K ₂ O	AOAC 955.06: 2016	Flamephotometer Model Jenway PFP7 , S.N 5453
	Determination of Iron	AOAC 980.01:20106	Atomic Absorption Spectrophotometer Model AA240 FS , S.N EL06123113