

Test Name (Matrix)	Sub Matrix	Parameter Name	Test Method	
Fertilizer	Diammonium Phosphate	Particle size	IS 6448: 1971	
		Moisture		
		Available phosphate (as P ₂ O ₅)		
		Total nitrogen content		
		Ammoniacal nitrogen		
		Water soluble Phosphates (P ₂ O ₅)		
	Triple Super Phosphate	Particle size	SLS 812: 2014	
		Moisture		
		Total phosphate (as P ₂ O ₅)		
		Free phosphoric acid (as P ₂ O ₅)		
		Water soluble Phosphates (P ₂ O ₅)		
		Heavy Metals – Arsenic, Lead, Mercury, Cadmium, Chromium		
	Ground Rock Phosphates	Particle size	SLS 748: 2014	
		Moisture		
		Total phosphate (as P ₂ O ₅)		
		Citric acid soluble Phosphorous content, on dry basis, calculated as P ₂ O ₅		
		Heavy Metals – Arsenic, Lead, Mercury, Cadmium, Chromium		
	Dolomite	Particle size	SLS 823: 2014	
		Heavy Metals – Arsenic, Lead, Mercury, Cadmium, Chromium		
		Magnesium, Calcium		
		Acid insoluble matter		
	Urea	Particle size	SLS 618: 2014	
		Moisture		
Total nitrogen content				
Biuret content				
Bone meal	Particle size	SLS 622: 1983		
	Moisture			
	Acid insoluble matter			
	Total phosphate (as P ₂ O ₅)			
	Nitrogen content of water in soluble portion			
	Available phosphate (as P ₂ O ₅)soluble in two percent citric acid solution			
Kieserit	Particle size			
	Moisture			
	Magnesium			
	Calcium Content			
	Water Solubility			
	Sulphites			

	Murate- Potash	Particle size	
		Moisture	
		Potassium	
		Sodium as NaCl	
	Compost	Metals	
		Microbial – <i>Coliform, Salmonella</i>	SLS 1246: 2003
Liquid fertilizer	Metals		
Fertilizer Mixtures	Fertilizer - Tea	Metals	SLS 1029: PART 1: 1995
	Fertilizer – Rubber	Metals	SLS 1029: PART 2: 1995
	Fertilizer - Coconut	Metals	SLS 1029: PART 3: 1994
	Fertilizer - Export Agriculture Crops	Metals	SLS 1029: PART 4: 1994
	NPK	Potassium	
		Total phosphorus	
NPK-Mg Mixtures	Particle size		
	Moisture		
	Potassium		
	Total Phosphorus		
Agriculture Chemicals	Ammonium Sulphate	Sulphur	SLS 620: 2014
		Ammoniacal Nitrogen	
		Heavy Metals – Arsenic, Cadmium, Chromium, Mercury	
	Zinc Sulphate (Agricultural grade)	Metals	IS 8249: 1976
	Diammonium Phosphate	Particle size	IS 6448: 1971
		Moisture	
		Available phosphate (as P ₂ O ₅)	
		Total Nitrogen Content	
		Ammoniacal Nitrogen	
		Water soluble Phosphates (P ₂ O ₅)	
	Epsom Salt	Magnesium	
		Moisture	
Mineral Acid Soluble Sulphate			
Chloride Content			
Matter Insoluble in Water			