Accreditation Scope

Test
TS EN ISO/IEC 17025
AB-1689-T

ALTINTAR TARIM A.Ş.

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Testing Laboratory

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Chemicals and Chemical Products

Tested Materials / Products	Name of Test	Testing Method (National, International Standards, In-house Methods)
Organic / Organomineral Fertilizers	Determination of pH Potentiometric Method	Regulation on Organic, Mineral and Microbial Source Fertilizers Used in Agriculture, Analysis Methods, Annex 19
Fertilizers	Determination of Ammonia Nitrogen Pre-Treatment: Distillation (Kjeldahl Method) Determination: Titration Method	In-house Method SOP.04 Rev.04 (TS EN 15475 / Modified from Regulation on Market Surveillance and Inspection of Fertilizers used in Agriculture, Annex 2 Method 2.1.)
Fertilizers	Determination of Ammonia Nitrogen + Nitrate Nitrogen Devarda Method Pre-treatment: Distillation (Kjeldahl Method) Determination: Titration Method	In-house Method SOP.03 Rev.04 (TS EN 15476 / Modified from Regulation on Market Surveillance and Inspection of Fertilizers used in Agriculture, Annex 2 Method 2.2.3.)
Fertilizers (urea-containing, nitrate-free) Fertilizers (nitrate-free)	Determination of Total Nitrogen (N) in Urea Pre-treatment: Boiling with sulfuric acid, distillation (Kjeldahl Method) Determination: Titration Method	In-house Method SOP.02 Rev.04 (TS EN 15478 / Modified from Regulation on Market Surveillance and Inspection of Fertilizers used in Agriculture, Annex 2 Method 2.3.3.)
Fertilizers	Determination of Water Soluble Potassium Pre-treatment: Extraction with water Determination: Gravimetric method with sodium tetraphenyl borate	TS EN 15477 Regulation on Market Surveillance and Inspection of Fertilizers used in Agriculture, Annex 2 Method 4.1.
Fertilizers	EC Determination Pre-treatment: 1/10 Aqueous Solution Determination: Electrometric Method	Regulation on Organic, Mineral and Microbial Fertilizers Used in Agriculture, Analysis Methods, Annex 19
Fertilizers	Determination of moisture content Gravimetric method (by drying at 70 °C)	In-house Method SOP.10 Rev.00 Regulation on Organic, Mineral and Microbial Fertilizers used in Agriculture, Methods of Analysis, Annex-19 (Modified from AOAC Official Method 967.03)
Organic and Organomineral Fertilizers with Secondary and/or Trace Element Additives	Determination of Organic Matter Pre-treatment: Dry Combustion at 550°C Determination: Gravimetric Method	In-house Method SOP.11 Rev.02 Regulation on Organic, Mineral and Microbial Fertilizers used in Agriculture, Methods of Analysis, Annex-19 (Modified from AOAC Official Method 967.03, AOAC 967.04, AOAC 967.05)
Fertilizers	Determination of Water Soluble Micro elements Boron (B), Copper (Cu), Iron (Fe), Manganese (Mn), Zinc (Zn), and Molybdenum (Mo) Pre-treatment: Water Extraction ICP-OES Method	In-house Method SOP.08 Rev.02 Regulation on Market Surveillance and Inspection of Fertilizers used in Agriculture, Annex 2 Method 9.2 and 10.2.
Fertilizers	Determination of pH Pre-treatment: 1/10 Aqueous Solution	Regulation on Market Surveillance and Inspection of Fertilizers used in Agriculture, Annex 2 Method 7.4.
Fertilizers	Determination of Extracted Phosphorus P_2O_5 Pre-treatment: Water Extraction Determination: Gravimetric Method with Quinoline Phosphomolybdate	TS EN 15958 TS EN 15959 (Regulation on Market Surveillance and Inspection of Fertilizers used in Agriculture, Annex 2 Method 3.1.6. and 3.2.)