

Environmental Analytical Laboratory

soil–water–wastewater–biosolids–tissue
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Samples received in sets of 20 or more will receive a 30% discount

Soil Test	Description	Price/Sample
Sample Prep	Drying and Grinding (required for most samples)	\$3.00
S1 (Partial Nutrient)	pH, EC, P, K	\$20.00
S2 (Macro Nutrient)	pH, EC, P, K, NO ₃ -N, OM	\$30.00
S3 (Complete Nutrient)	pH, EC, P, K, NO ₃ -N, OM, Micronutrients	\$42.00
S4 (Complete Topsoil)	pH, EC, P, K, NO ₃ -N, NH ₄ -N, SO ₄ -S, CaCO ₃ , CEC, OM, Micronutrients	\$96.00
S5 (Complete)	pH, EC, P, K, NO ₃ -N, NH ₄ -N, SO ₄ -S, CaCO ₃ , CEC, OM, Micronutrients, Total N & C, Texture	\$124.00
UDOT Topsoil	pH, EC, SAR, OM, Texture, Gravel	\$46.00
LDS Church Topsoil	pH, EC, SAR, OM, NO ₃ -N, P, K, Fe, Texture, Gravel	\$72.00
C1 (Compost)	pH, EC, SAR, C, N, Moisture	\$35.00
pH	Saturated paste	\$5.00
EC	Salinity	\$7.00
pH, EC	pH and Salinity	\$9.00
SAR		\$15.00
pH, EC, SAR	pH, Salinity, and Sodium Adsorption Ratio	\$20.00
B	Saturated paste	\$13.00
OM	Organic Matter (Walkley-Black) or Loss On Ignition	\$12.00
NO ₃ -N (1)	Nitrate-nitrogen (Chromotropic acid)	\$10.00
NO ₃ -N (2)	Nitrate-nitrogen (2M KCl)	\$10.00
NH ₄ -N	Ammonium-nitrogen (2M KCl)	\$13.00
NO ₃ -N + NH ₄ -N	2M KCl, FIA	\$18.00
Total N	Combustion	\$15.00
Total C	Combustion	\$15.00
Total C and N	Carbon to nitrogen ratio	\$20.00
P	Phosphorus (Olsen)	\$9.00
K	Potassium (Olsen)	\$8.00
SO ₄ -S	Sulfate (500 ppm P extraction)	\$11.00
SO ₄ -S	Water soluble	\$11.00
Exchangeable Ions	Ca, Mg, K, Na (NH ₄ OAc)	\$20.00
Micronutrients	Zn, Fe, Mn, Cu (DTPA)	\$12.00
Fe	DTPA	\$10.00
CEC	Cation Exchange Capacity	\$40.00

CaCO ₃	Calcium carbonate	\$15.00
Texture	% Sand, Silt, Clay (Hydrometer)	\$15.00
Total Element	EPA 3050 Digestion + ICP Analysis	\$30.00
Sand Size Fractions		\$18.00
Gravel	% gravel (by volume)	\$5.00
Moisture Saturation	% moisture of a saturated paste	\$7.00
Moisture 1/3 Bar	% moisture at field capacity	\$25.00
Moisture 15 Bar	% moisture at permanent wilting point	\$25.00
Acid Base Potential	S, CaCO ₃	\$55.00
B, As, Se	Boron, Arsenic, Selenium	\$15.00
Cl	Chloride	\$13.00
Resin Capsules	(2M HCl), NH ₄ , NO ₃ , P, K, Ca, Mg, S, Zn, Fe, Mn, Cu	\$30.00
Gypsum	Waters of hydration	\$16.00
Water Test	Description	Price/sample
Sample Prep	Sample Preparation/Filtration	\$3.00
Dilution	Sample Dilution	\$3.00
pH		\$5.00
EC	Salinity	\$5.00
SAR	Sodium Adsorption Ratio, Ca, Mg, Na	\$15.00
Nitrate-N	Cadmium reduction (FIA)	\$10.00
Ammonium-N	Salicylate method (FIA)	\$10.00
NO ₃ -N + NH ₄ -N	Flow Injection Analysis (FIA)	\$12.00
SRP	Orthophosphate- Ascorbic Acid (FIA)	\$10.00
Total Dissolved N	Combustion	\$15.00
Dissolved Organic C	Non-purgeable organic carbon	\$15.00
TDN + DOC		\$17.00
Total P	Microwave digestion + ICP	\$20.00
Cl	Chloride	\$10.00
HCO ₃ ⁻	Bicarbonate	\$12.00
W1	pH, EC, SAR, P, K, S, Zn, Fe, Mn, Cu, B, Cl, HCO ₃ ⁻	\$45.00
ICP-single		\$15.00
ICP-complete		\$25.00
Plant Tissue Test	Description	Price/sample
Sample Prep	Drying and Grinding (required for most samples)	\$3.00
P1	Plant Fertility- Total N, P, K, Ca, Mg, S, Na, Zn, Fe, Mn, Cu, B	\$35.00
Total element	Total element composition, 24 elements (microwave + ICP)	\$30.00
Total N	Combustion (Leco)	\$15.00
Total N and C	Combustion (Leco)	\$20.00
NO ₃ -N	Nitrate	\$13.00
Moisture/Dry Matter		\$7.00
Ash		\$10.00