

SOIL CORROSION

Test No.	Method	Parameter	Rate
1	ASTM G 57	Resistivity - As Received & Saturated (ohm-cm)	\$40
2	ASTM G 51	pH (H ⁺)	\$15
3	ASTM D 516	Sulfate (SO ₄ ²⁻)	\$20
4	ASTM D 512B	Chloride (Cl ⁻)	\$20
5	ASTM G 187 (Two Electrode)	Resistivity - As Received & Saturated (ohm-cm)	\$40

20	AASHTO T 288	Minimum Resistivity (ohm-cm)	\$40
21	AASHTO T 289	pH (H ⁺)	\$15
22	AASHTO T 290	Sulfate Ion (SO ₄ ²⁻)	\$20
23	AASHTO T 291	Chloride Ion (Cl ⁻)	\$20

40	Caltrans CTM 643	Minimum Resistivity (ohm-cm)	\$40
41	Caltrans CTM 643	pH (H ⁺)	\$15
42	Caltrans CTM 417	Sulfate (SO ₄ ²⁻)	\$20
43	Caltrans CTM 422	Chloride (Cl ⁻)	\$20

60	SM 2580 B	Redox Potential (mV)	\$25
65	SM 2510 B	Conductivity (mS/cm)	\$25
70	SM 2320 B	Alkalinity (Total as CaCO ₃)	\$25
75	SM 2310 B	Acidity (Total as CaCO ₃)	\$25
80	Hach 835 (default method)	Nitrate – Dimethylphenol (NO ₃ ⁻ -N)	\$40
81	SM 4500-NO ₃ ⁻ E	Nitrate – Cadmium Reduc. (NO ₃ ⁻ -N)	\$60
85	Hach 830 (default method)	Ammonia – Salicylate (NH ₃ -N)	\$40
86	SM 4500-NH ₃ B&C	Ammonia - Nessler (NH ₃ -N)	\$75
90	SM 4500-S ²⁻ D	Sulfide (S ²⁻)	\$35

CORROSION PACKAGES

1-P	ASTM Resistivity - As Rec'd & Saturated, pH, Sulfate & Chloride	\$90
2-P	ASTM Resistivity - As Rec'd & Saturated, pH, Sulfate, Chloride & Organic Content	\$130
20-P	AASHTO Minimum Resistivity, pH, Sulfate & Chloride	\$90
40-P	Caltrans Minimum Resistivity, pH, Sulfate & Chloride	\$90
60-P	AWWA C-105 Suite (Resistivity - As Rec'd & Saturated, pH, Redox & Sulfide)	\$110

VOLUME DISCOUNTS: 5% (2-4), 10% (5-9), 15% (10-24), 20% (25-49), 25% (50-99), 30% (100+)