



# Ford Chemical

LABORATORY, INC.

*Bacteriological and Chemical Analysis*

40 WEST LOUISE AVENUE  
SALT LAKE CITY, UTAH 84115

PHONE 466-8761

DATE: 04/25/84

CERTIFICATE OF ANALYSIS

BOYER COMPANY  
675 E. 500 SO.  
SUITE #600  
SLC, UT 84102

84-009063

SAMPLE: CREEK WATER SAMPLE FROM EMIGRATION CANYON, TWIN SPRING,  
FREEZE CREEK RECEIVED 3-28-84 FOR COMPLETE ANALYSIS.

Alkalinity, CaCO <sub>3</sub> mg/l SM403	228	Ammonia, NH <sub>3</sub> -N mg/l SM417C	.18
Arsenic, As mg/l SM304	<.001	Barium, Ba mg/l SM303C	.25
Bicarbonate, HCO <sub>3</sub> mg/l SM403	278.16	Boron as B mg/l	.05
Cadmium, Cd mg/l SM304	<.001	Calcium, Ca mg/l SM303A	91.20
Carbonate as CO <sub>3</sub> mg/l SM403	<.01	Chloride, Cl mg/l SM407A	17.0
Chromium as Cr Hex. mg/l SM3	<.001	Chromium, Cr (Tot) mg/l SM30	<.001
Conductivity umhos/cm SM205	500	Copper, Cu mg/l SM303A	<.010
Fluoride, F mg/l SM413B	.12	Hardness, CaCO <sub>3</sub> mg/l SM309R	293
Hydroxide as OH mg/l	<.01	Iron, Fe (Dis) mg/l SM303A	.08
Iron, Fe (Tot) mg/l SM303A	.08	Lead, Pb mg/l SM303A	.003
Magnesium, Mg mg/l SM303A	15.60	Manganese, Mn mg/l SM303A	<.01
Mercury, Hg mg/l SM320A	<.0002	Nickel, Ni mg/l SM303A	<.01
Nitrate, NO <sub>3</sub> -N mg/l SM418C	<.01	Nitrite as NO <sub>2</sub> -N mg/l	<.01
Phosphate PO <sub>4</sub> -P Ortho mg/l	.04	Potassium, K mg/l SM303A	.9
Selenium, Se mg/l SM304	<.001	Silica, SiO <sub>2</sub> (Dis) mg/l SM426	21.50



# Ford Chemical

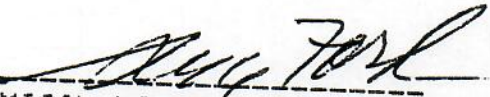
LABORATORY, INC.  
*Bacteriological and Chemical Analysis*

40 WEST LOUISE AVENUE  
SALT LAKE CITY, UTAH 84115  
PHONE 466-8761

PAGE: 2

## CERTIFICATE OF ANALYSIS

Silver, As ms/l SM3033	.0020	Sodium, Na ms/l SM303A	11.20
Sulfate, SO <sub>4</sub> ms/l SM426D	67	Total Dis. Solids ms/l SM20	500
Turbidity NTU	1.00	Zinc, Zn ms/l SM303A	.01
PH Units SM423	7.50		

  
FORD CHEMICAL LABORATORY, INC.



# Ford Chemical

## LABORATORY, INC.

*Bacteriological and Chemical Analysis*

40 WEST LOUISE AVENUE  
SALT LAKE CITY, UTAH 84115

PHONE 466-8761

DATE: 04/25/84

CERTIFICATE OF ANALYSIS

83-009063-01

FORD CHEMICAL LABORATORIES

BALANCE SHEET FOR SAMPLE: (1) RESULTS

### CATIONS

Calcium, Ca ms/l SM303A  
Magnesium, Mg ms/l SM303A  
Iron, Fe (Dis) ms/l SM303A  
Sodium, Na ms/l SM303A  
Potassium, K ms/l SM303A

ms/l	meq/l
91.200	4.551
15.600	1.293
.080	.003
11.200	.487
.900	.023

### ANIONS

Carbonate as CO<sub>3</sub> ms/l SM403  
Bicarbonate, HCO<sub>3</sub> ms/l SM403  
Sulfate, SO<sub>4</sub> ms/l SM426D  
Chloride, Cl ms/l SM407A  
Nitrate, NO<sub>3</sub>-N ms/l SM418C

ms/l	meq/l
.000	.000
278.160	4.562
67.000	1.395
17.000	.480
.000	.000

### BALANCE INFORMATION

CATIONS: 6.347  
ANIONS: 6.437  
TOTAL: 12.784  
DIFFERENCE: .090  
SIGMA: .007