



**AmeriChem
Testing
Laboratory**

Analytical Report

REPORT NUMBER: AL-2635
CLIENT:
Attn.: Mr. E.C. "Brownie" Pitts
America Water Products, Inc.
10885 Kiama River , Suite A & B
Fountain Valley, CA 92708

REPORT ON:
Water Filter Tank Efficiency Test
Tank #18743, Contains KDF, Carbon, Quartz

DATE RECEIVED: 04-25-01
DATE REPORTED: 05-01-01

Method: Standard metal, inorganic ions, bacteria and organics solutions was added to 50 gallons of tap water in a plastic tank, mixed well and then charged to the filter tank by pump filtration. Samples of water before and after filtration was collected and tested for organics, inorganics, total bacteria and metals.

ANALYSIS	TEST RESULT, mg/l		DETECTION LIMIT , mg/l	METHOD REMOV.	
	BEFORE FILTRATION	AFTER FILTRATION		%	
Aluminum	2.50	<0.05	0.05	EPA 202.1	>99
Arsenic	1.25	<0.01	0.002	EPA 206.2	>99
Cadmium	1.0	<0.01	0.01	EPA 213.1	>99
Chlorine	2.50	<0.2	0.2	EPA 330.5	>99
Copper	2.48	<0.05	0.05	EPA 220.1	>99
Iron	2.0	<0.05	0.05	EPA 236.1	>99
Lead	1.0	<0.10	0.10	EPA 239.1	>99
Mercury	1.25	<0.001	0.001	EPA 245.1	>99
Dieldrin	2.50	<0.1	0.1	EPA 608	>99
Calcium hardness	320	190	0.05	EPA 215.1	40.6
Magnesium hardness	21.4	19.8	0.05	EPA 242.1	7.5
Total hardness	342	210	0.10	EPA 215.1	38.6
Fluoride	1.00	0.75	0.05	EPA 340.1	25
Sulfide	2.50	<0.05	0.05	EPA 376.1	>99
THMS	0.0050	<0.0005	0.0005	EPA 601	>99
Sulfate	35.2	34.5	0.5	EPA 375.4	>2
Total bacteria/ml	56	Not detected	1	SM	>99

THMS = Total Trihalomethanes
SM = Standard Method

Peter T. Wu
Lab Director