

C. F. CHANDLER, Ph. D.
East 49th St., Cor. 4th Ave.
CHEMIST AND ASSAYER.

No. 2154

New York, Dec. 13, 1884

Certificate of Analysis.

SIR :

The following are the results of my analysis of the sample of Water, marked "Artesian Well Water," submitted to me for examination.

Grains in one U.S. gallon
of 231 cubic inches

Chloride of Sodium	0.309
Sulphate of Potassa	0.958
Carbonate of Soda	0.484
Carbonate of Potassa	0.956
Nitrate of Lime	0.185
Carbonate of Lime	2.352
Carbonate of Magnesia	0.573
Alumina & Oxide of Iron	0.117
Silica	0.254
Organic Matter	0.816

Total Solids ----- 7.007

Free ammonia	0.0198
Albumenoid ammonia	0.0052
Hardness before Boiling	2.916
" after " "	2.916

The large amount of free ammonia raises a suspicion of contamination by surface water.

Respectfully,

Your obedient Servant,

C. F. Chandler Ph. D.

To

Mr. Benj. Gates.

Mt. Lebanon,

N. Y.