

COMPARATIVE TABLE OF ANALYSES OF THE WATER OF THE DEAD SEA.

Components.	1. C. G. Gmelin, 1824. As recal- culated by Marchand.	2. Apjohn, 1838.	3. Marchand, 1847.	4. Herapath, 1843.	5. Booth, of Phila- delphia (U. S. Exped.), 1849.	6. Boutron- Charlard and Henry.	7. Prof. W. Gregory, 1854.	8. Molden- hauer, Nov. 1854.	9. Water of the Ocean.
Chloride of magnesium.	12.166	7.370	10.543	7.822	14.589	1.696	13.951	6.831	.360
“ sodium .....	7.089	7.839	6.578	12.109	7.855	11.003	7.389	2.957	2.700
“ calcium .....	3.936	2.438	2.894	2.455	3.107	.680	2.796	1.471	.
“ potassium .....	1.096	.852	1.398	1.217	.658	.166	.571	2.391	.070
“ manganese.	.161	.005	.	.006	.	.	.	.	.
“ ammonium .....	.007	.	.	.006	.	.	.	.	.
“ aluminium.....	.148	.	.018	.056	.	.	.	.	.
“ iron .....	.	.	.	.003	.	.	.	.	.
Sulphate of potash.....	.	.	.	.	.	.	.106	.062	.
“ lime.....	.052	.075	.088	.068	.070	.	.	.	.149
“ magnesia.....	.	.	.	.	.	.233	.	.	.230
Bromide of magnesium.	.442	.201	.251	.251	.137	trace	.009	.188	.002
“ sodium.....	.	.	.	.	.	.	.	.	.
Organic matter .....	.	.	.	.062	.	.	.	.	.
Silica.....	.	.	.003	.	.	.200	.	.	.
Bituminous matter .....	.	.	.	.	.	.	.	.	.003
Carbonate of lime.....	.	.	.	.	.	.958	.	.	Loss .025
Total solid contents.....	24.435	18.780	21.773	24.055	26.416	14.927	24.832	13.895	3.530
Water.....	75.565	81.220	78.227	75.945	73.584	85.073	75.168	86.105	96.470
	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000
Specific gravity.....	1.202	1.153	1.1841 at 66° F.	1.172	1.227 at 60° F.	1.089	1.210 at 60° F.	1.116	1.0278
Boiling-point.....		221°		227.75					
Water obtained.....		½ mile from Jordan, late in rainy season.	in 1847, at the north end.	in March, 1849, ½ mile N.W. of mouth of Jordan.	May 5, '48, 195 fath. deep, off A. Terabeh.	Apr. 2, 1850, “ 2 hours from the Jordan.”	from Island at N. end, March 11, 1854.	in June, 1854.	