

NOTE.

The Editor desires to point out that the pages of the Journal are open for the inclusion of short notes dealing with analytical practice and kindred matters. Such notes are submitted to the Publication Committee in the usual manner.

CORRECTIONS FOR DENSITIES OF ALCOHOL TO 15.5° C.
(EXPANSION OF GLASS INCLUDED.)

Temperature.	Specific Gravity read on Hydrometer or Westphal Balance.											
	0.99.	0.985.	0.98.	0.975.	0.97.	0.965.	0.96.	0.955.	0.95.	0.94.	0.93.	0.92.
10 ...	0.6	0.75	1.2	1.7	2.25	2.85	3.15	3.35	3.7	3.9	4.1	4.15
11 ...	0.5	0.65	1.0	1.35	1.85	2.3	2.6	2.75	3.05	3.2	3.35	3.45
12 ...	0.4	0.5	0.8	1.05	1.45	1.8	2.0	2.15	2.35	2.5	2.6	2.7
13 ...	0.3	0.35	0.55	0.75	1.0	1.3	1.45	1.55	1.7	1.8	1.9	1.95
14 ...	0.15	0.2	0.35	0.45	0.6	0.75	0.85	0.95	1.05	1.1	1.15	1.2
15 ...	0.05	0.05	0.1	0.1	0.2	0.25	0.3	0.35	0.35	0.4	0.4	0.45
16 ...	0.05	0.1	0.1	0.2	0.2	0.25	0.25	0.25	0.3	0.3	0.35	0.35
17 ...	0.2	0.25	0.35	0.5	0.55	0.7	0.8	0.85	0.9	1.0	1.05	1.1
18 ...	0.35	0.4	0.6	0.8	0.95	1.15	1.3	1.45	1.5	1.65	1.75	1.85
19 ...	0.5	0.6	0.85	1.1	1.3	1.6	1.85	2.0	2.15	2.35	2.5	2.6
20 ...	0.7	0.8	1.1	1.4	1.7	2.0	2.35	2.6	2.75	3.0	3.2	3.35
21 ...	0.9	1.05	1.35	1.7	2.05	2.45	2.8	3.15	3.35	3.7	3.9	4.1
22 ...	1.1	1.25	1.65	2.0	2.4	2.85	3.3	3.7	3.95	4.35	4.6	4.85
23 ...	1.35	1.45	1.9	2.3	2.8	3.3	3.8	4.25	4.55	5.0	5.35	5.6
24 ...	1.55	1.7	2.2	2.6	3.15	3.75	4.25	4.8	5.2	5.65	6.05	6.35
25 ...	1.8	1.95	2.45	2.9	3.55	4.15	4.75	5.35	5.8	6.3	6.75	7.1
												7.4
												6.6
												6.8
												7.6
												8.0

There is little new in this table, except the arrangement, the corrections being read from the specific gravity in air determined in a glass vessel, and the expansion of glass is included. The figures are based on Mendeleef's determinations, and it has been found that they agree essentially with later work, especially that of the U.S. Bureau of Standards. It is believed that by interpolation the specific gravity of any alcohol can be corrected to 15.5° with an error not exceeding 0.1° (0.0001 actual).

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