CHAPTER 2

Chemicals, Apparatus, and Unit Operations of Analytical Chemistry

1









Semi-Electronic Analytical Balance



FIGURE 2-3 Electronic analytical balance measures mass down to 0.1 mg, [Courtesy Fisher Scientific, Pittsburgh, PA.] Harris, Quantitative Chemical Analysis, 8e © 2011 W. H. Freeman





























Quantitative transfer of solid sample. Note the use of tongs to hold the weighing bottle and a paper strip to hold the cap to avoid contact between glass

Fig 2-10, p.32





















































	Volume, mL	
		Corrected to
Temperature, T, °C	At T	20°C
10	1.0013	1.0016
11	1.0014	1.0016
12	1.0015	1.0017
13	1.0016	1.0018
14	1.0018	1.0019
15	1.0019	1.0020
16	1.0021	1.0022
17	1.0022	1.0023
18	1.0024	1.0025
19	1.0026	1.0026
20	1.0028	1.0028
21	1.0030	1.0030
22	1.0033	1.0032
23	1.0035	1.0034
24	1.0037	1.0036
25	1.0040	1.0037
26	1.0043	1.0041
27	1.0045	1.0043
28	1.0048	1.0046
29	1.0051	1.0048
30	1.0054	1.0052

-	~
•	ь
~	υ



