

brown acid is boiled down and concentrated; the former is generally used for manufacturing purposes. Sulphuric acid differs very much in specific gravity and density; the heavier it is the more of *pure acid* it contains. *Chemically pure* sulphuric acid does not exist in commerce. In the purchase, then, of this article, it is very evident that persons not familiar with its properties are liable to continual imposition and cheaterly. Its measure of capacity is no test of the quantity of acid. One carboy or demi-john of three gallons may contain only half as much real acid as another of the same size. The purchaser should always insist on a *written* guarantee being given as to the specific gravity of the article which he may buy, and should have it tested by some competent person.

On the next page I give from Turner's Chemistry, by Liebig & Gregory, 2d Part, 8th Edition, London, 1847, a table of Dr. Ure, showing the quantity of real acid contained in the commercial acids of different density, which may be very useful to those not having access to treatises on Chemistry.