has been a grievous disappointment. I find the lectures to be a concentrated digest of the technical application of chemical—and other—principles, such as one finds and expects to find in treatises on such subjects. No one who possesses a copy of Wagner's Chemical Technology, or other work of a similar kind, need refer to the text of Professor Lassar-Cohn's lectures. Contrariwise, however, it must not be supposed that these lectures take the place of an extended treatise; for they are necessarily a mere skimming of the surface of so vast a subject Much better trust to a volume of Cooley's Receipts or Spon's very valuable Encyclopædic work.

Let it not, however, be imagined that I hold the learned professor in the very least to blame. He has performed, and very well performed, the task he set himself. Every reader of this work will learn, in a general way, the modus operandi of the manufacture of soap, sugar, leather, starch, shoeblacking and ten thousand other things-and that is something, is is not? Whether the language, simple as the author has tried to make it, will convey any clear meaning to him, is often doubtful; as, for example, where he is told that cellulose and starch resemble each other chemically, in each having a molecule of 21 atoms. 6 of carbon, 10 of hydrogen, and 5 of oxygen, and that by the addition of two more atoms of hydrogen and one of oxygenthe equivalent of one molecule of water—the Starch molecule is changed into a molecule of glucose. He is much more likely to remember the bare fact that by boiling starch with an acid it is turned into glucose; a fact, the knowledge of which to him is of no use for manufacturing purposes, unless he adds to it a hundred others, regarding details of manufacture, which he can only learn by a long apprenticeship to the business, or by years of experiment at his own cost; a fact, morever, which I hold, is of no more value to him as a thinking human being, than that ethyl alcohol boils at 174° F. unc'er normal conditions of temperature and pressure.