

All other samples, 262 in number, conform to the requirements of legal lard, and must be regarded as genuine.

It will be observed that many samples judged as genuine, give a distinct reaction with the Halphen test for cotton seed oil. I am convinced that the indications of this test considered by themselves, are not sufficiently positive to furnish a basis for pronouncing cotton seed oil present, with intent. Hogs which have been fed with cotton seed meal may yield a fat which gives the red coloration with Halphen's re-agent. Unless the absorption of iodine confirm the Halphen test, I do not regard the presence of cotton seed oil as established.

The last report upon lard was published as Bulletin 193, in December, 1909. On the whole, this article appears to be of good quality; and the occasional sale of a compound lard for the genuine is to be regarded rather as an act of carelessness on the part of the retail dealer, than as intentional on the part of the manufacturer. Our inspection shows that manufacturers of compound lard are careful to state correctly the nature of the article on the container.

I beg to recommend the publication of this report as Bulletin No. 237.

I have the honour to be, sir,

Your obedient servant,

A. MCGILL,
Chief Analyst.