

nitrogen, in form of pulverized beef, has been incorporated, as shown by the large percentage of nitrogen in insoluble compounds. While the true Meat Extracts show less than one-half of one per cent. of nitrogen in insoluble forms, the samples in question give from one to two per cent. of insoluble nitrogen.

The Kreatin and Kreatinin should amount to at least one-fourth of the total meat bases. The minimum limit is greatly exceeded in the genuine Extracts; but is not reached in those of low grade. In order that this fact may be better shown, I have arranged in subsidiary tables the samples herein reported, placing together those representing the same brand. It will be noted that most of these brands are manufactured with intelligence and care, as shown by their mean composition and by the uniformity obtaining among the samples analysed. The notes accompanying subsidiary tables make it unnecessary to say anything more than that this work will be of use to us in further investigation of the subject; and I beg to recommend its publication as Bulletin No. 267.

I have the honour to be, Sir,

Your Obedient Servant,

A. MCGILL,

*Chief Analyst.*