

Brit Pharm.	Spec. grav.	Available Chlorine per cent.
No. 1	1.035	2.958
No. 2	1.045	1.830
No. 3	1.049	2.780
No. 4	1.042	.590
	2.600	1.053

These show that anything but uniformity exists; and that the maximum chlorine value is seldom or ever attained. In all probability, were the standard of the chlorinated lime raised to 33.3 per cent., then we might have a liq. calcis chloratæ containing 3 per cent of available chlorine.

Liq. Ferri Perchloridi. Fortior.—It has been shown by Abram (PHARM JOURNAL, vol IX. 2nd series, p. 272) that the specific gravity of this liquor should be 1.445 and not 1.338, and this I can corroborate. While writing upon this solution, I would suggest that in future a somewhat smaller quantity of nitric acid be used than is at present ordered, as the great excess over and above the theoretical quantity acts powerfully on the spirit of wine with which the liquor is diluted for tincture, and renders the tincture most unacceptable to those who were accustomed to the tincture made by the London Pharmacopœia process.

Liq. Hydrarg. Nitr. Acidus.—In my hands the directions of the Pharmacopœia have been insufficient to ensure a uniform result.

We are told to "boil (the solution of mercury in the acid) gently for fifteen minutes, cool, and preserve the solution in a stoppered bottle. Specific gravity 2.246." No mention is made of making up the product to a given weight or measure.

On the several occasions on which I have made the solution, I have never obtained it of the officinal density, 2.246. The greatest gravity I have noticed after fifteen minutes' gentle boiling has been 2.130, sometimes it has been much less. I would suggest that the following clause be added to the directions:—"Let the product be made to measure 5 oz. 1½ fluid drachms, or to weigh eleven ounces. The specific gravity should be 2.130.

Liq. Plumb. Subacet.—The directions for preparing this liquor are almost identical with those of the London Pharmacopœia, although the proportions are somewhat varied—

	Pharm. Lond.	Brit. Pharm.
Acetate of Lead	2167 grains.	2187.5 grains.
Litharge	1280 grains.	1531.2 grains.
Water	20 oz	20 oz

The increase in the acetate of lead is unimportant, but the proportion of litharge is nearly 20 per cent. (19.6) greater in the British than in