free. The following process is proposed as the most satisfactory method of overcoming this difficulty: After removal of as much carbon dioxide as possible by shaking in a "Winchester," 500 cc. of the water are transferred to the distillation flask, and 5 cc. of N/H_2SO_4 (or more if the alkalinity of the water requires it) are added. Fifty cc. are then distilled off and rejected, thus removing the carbon dioxide. An equivalent quantity of N/NaOH and the usual amount of sodium carbonate are then added, and the estimation of free and albuminoid ammonia proceeded with in the usual manner. Many waters were aerated in the laboratory, and examined by this process. The results on the aerated waters were practically identical with those on the original waters as regards free ammonia. The albuminoid ammonia is slightly increased by aeration, whether it is estimated by the above process or by the ordinary method.—Pharm. Journ. and Pharmacist, March 23, 1912, 394.

RECOGNITION OF SYNTHETIC DRUGS BY NATIONAL PHARMACOPOEIAS.

The Editor of the Chemist and Druggist, (London) recently examined 15 national pharmacopoeias in order to determine the extent to which the modern synthetics are recognized officially, and sums up as follows:

"In all of the fifteen Pharmacopoeias considered in the foregoing *resume,* antipyrin, phenacetin, saccharin, and sulphonal are official. Leaving out of consideration the British Pharmacopoeia, 1898, the remaining fourteen Pharmacopoeias, which have all appeared during the present century, in addition to the above mentioned four synthetics, recognize forty-nine different new synthetic remedies. In the following tabulation the popular trade names are used, the figures indicating to what extent they are official:

Dermatol, 13 times.
Duotal, 13 times.
Trional, 12 times.
Diuretin, 11 times.
Salipyrin, 11 times.
Aspirin, 8 times.
Urotropine, 7 times.
Heroin, 6 times.
Protargol, 6 times.
Tannalbin, 6 times.
Aristol, 5 times.
Dionin, 4 times.
B-Eucaine, 4 times.
Creosotal, 4 times.
Iodol, 4 times.
Salophen, 4 times.
Veronal, 4 times.
Benzonaphthol, 3 times.
Euquinine, 3 times.
Lactophenin, 3 times.
Pyramidon, 3 times.
Tannigen, 3 times.
Tannoform, 3 times.
Xeroform, 3 times.
Airol, twice.
Betol, twice.
Exalgin, twice.
Migrainin, twice.
Novocaine, twice.
Stovaine, twice.
Suprarenin, twice.

Anesthesine, afoxyl, arsacetin, arrhenal, collargol, chinosol, diiodoform, reffatin, itrol, orexine tannate, orthoform, phenolphthalein, sozoiodol acid, sozoiodol ammonium, sozoiodol zinc, thiocol, urethane, and vioform, 1 each."