

# REPORTS ON AWARDS.

## GROUP XXIV.

### 1. McKisson & Robbins, New York, N. Y., U. S.

#### PHARMACEUTICAL PREPARATIONS.

*Report.*—Commended for a beautiful and instructive collection of medicinal roots and barks; also for the general excellence of all the pharmaceutical preparations exhibited by this firm.

### 2. John Wyeth & Brother, Philadelphia, Pa., U. S.

#### PHARMACEUTICAL PREPARATIONS.

*Report.*—In order to satisfactorily test the value of the above articles, and ascertain if they contained the quantity of drugs as stated on their labels, samples were obtained and a number of experiments and assays were made; the results in some instances varying slightly, which may have been caused by the difficulty in separating the active agents from their combinations, evidently consisting of sugar, alcohol, aromatics, salts of iron, etc.

The following is a tabulated statement of the principal preparations assayed, which will show a remarkable accuracy in their preparation, and displaying a pharmaceutical skill worthy of special encomium. I found in the elixirs where iron was combined with the alkaloids of Peruvian bark and other ingredients, the following proportions, taking the average of several assays:

	AMOUNT OF ALKALOID RE- QUIRED IN Oj.	AMT. ALKALOID CLAIMED IN Oj.	AMT. ALKALOID FOUND IN Oj.	SALTS OF IRON FOUND IN Oj.
Elixir Iron, Quinia, and Strychnia.	130 $\frac{2}{15}$	130 $\frac{2}{15}$	Grs. 106 Alkaloid equiv. to 128 Grs. Sulp. Quin. and Strych.	
“ Bark, Iron, and Bismuth.....	19.20	19.20	20 $\frac{1}{2}$	233
“ “ “ “ Strychnia...	21.76	21.76	20	250
“ Cinchona Ferrat.....	19.20	19.20	21	253
“ “ Calisaya.....	19.20	19.20	20	
Wine Calisaya.....	19.20	19.20	19	
Bitter Wine of Iron.....	19.20	19.20	18	246

A number of other preparations were treated, and gave very satisfactory results and evidences of strict adherence to the quantity of drug contained in them as claimed by this firm. Among those tested were:

- Elixir Ammonio-Cit. Bisulph.
- “ Bismuth and Strychnia.
- “ Valerian Ammon.
- “ Gentian and Tinct. Ferri Chlor.
- Syrup Hypophos. Comp.
- “ Lacto-Phosp. Lime.

These elixirs seem to be a real advance in pharmacy, as they represent strength and