

RESULTS—(Continued).

Pill Mass.	Trial.				Average.
	1	2	3	4	
20 Soap, 1 part; althaea, 1 part; water, q. s.	1:21	1:28	1:19	1:27	1 hour 23 ³ / ₄ minutes
21 Althaea; glycerite of tragacanth, q. s.	1:28	1:20	1:34	1:29	1 hour 27 ³ / ₄ minutes
22 Acacia; water, q. s.	1:26	1:29	1:31	1:29	1 hour 28 ¹ / ₄ minutes
23 Acacia, 1 part; tragacanth, 1 part; water, q. s.	3:43	3:48	3:53	3:51	3 hours 48 ¹ / ₄ minutes
24 Tragacanth; water, q. s.	6:53	7:15	7:12	6:56	7 hours 3 ¹ / ₂ minutes
25 Kaolin; petrolatum, q. s.	Not disintegrated at the end of 8 hours				

UNIVERSITY OF WASHINGTON,
COLLEGE OF PHARMACY.

ELIXIR FERRI, QUININAE ET STRYCHNINAE PHOSPHATUM.*

BY WILLIAM H. GLOVER.

It is to be regretted that this valuable Elixir was dropped from both the U. S. P. IX and N. F. IV. It would seem best at least to have recognized it in the latter book. As formerly made, it was quite troublesome and did not keep well, particularly in the winter months when, if chilled, it separated badly. If the method of making is slightly modified, a very satisfactory preparation is obtained. Being fortunate in having a large call for this elixir in my prescription department and thinking perhaps others have a similar demand, I offer the following formula which I have found very satisfactory. I claim no credit for it, as the changes have been suggested by Prof. Charles Caspari, Jr., and others in the pharmaceutical journals:

Soluble Ferric Phosphate	17.500 Gm.
Quinine	8.750 Gm.
Strychnine275 Gm.
Phosphoric Acid, U. S. P.	2.000 mils
Ammonium Carbonate	5.100 Gm.
Alcohol	60.000 mils
Acetic Acid, U. S. P.	16.000 mils
Distilled Water
Aromatic Elixir each q. s.
To make	1000.000 mils

Dissolve the quinine and strychnine in the alcohol, then add the phosphoric acid previously mixed with 350 mils of aromatic elixir. Add acetic acid to ammonium carbonate in the flask and do not neutralize; add to solution of alkaloids. Dissolve the soluble ferric phosphate in 30 mils of distilled water and do not neutralize, add 250 mils of aromatic elixir, add this to above solution and after 24 hours, filter. By using the aromatic elixir warm, no precipitate is formed when solution of ferric phosphate is added to the solution of the alkaloids. This precipitate is very slow to dissolve when the mixture is cold. Finally, add aromatic elixir to make 1000 mils. This makes a very satisfactory product; however, it will darken with age, but I believe in making preparations like this often and in quantity which obviates the necessity of long keeping, and thereby the indicated trouble will be avoided.

* Read before Section on Practical Pharmacy and Dispensing, A. Ph. A., Indianapolis meeting, 1917.