

COMPARISON WITH REPORTS PREVIOUSLY SUBMITTED.

Year.	Total.	Above.	Below.	Percent. above.
1909 Report.....	395	313	82	79.3
1910 Report.....	340	291	49	85.6
1911 Report.....	263	224	39	85.1
1912 Report.....	298	235	63	78.8
1913 Report.....	382	264	118	69.1
1914 Report.....	286	221	65	77.2
1915 Report.....	133	98	35	73.6
1916 Report.....	215	156	58	72.9
1917 Report.....	172	147	25	85.3
1918 Report.....	131	113	18	86.8
1919 Report.....	206	173	33	83.9

Last year one-half of the Aconite Root, Hyoscyamus, Jalap and Stramonium Seed samples ran below standard. This year Capsicum, Red Cinchona, Nux Vomica and Physostigma are the drugs, one-half or more of which ran below standard. The general yearly average of 83.9% is very satisfactory in view of the dearth and inexperience of the available labor during the past year.

Reported by G. E'WE.

Committee {
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COMPOUND SOLUTION OF CRESOL.*

BY S. L. HILTON.

The official formula for this preparation is accompanied by some difficulties; on account of these it is not usually compounded in a retail pharmacy. The cost of linseed oil and potassium hydroxide unnecessarily increases that of the finished product. The liberation of glycerin in making the product is also a disturbing element, and the product made with linseed oil has not been a popular one, owing to its dark color.

The above facts led to a series of experiments, wherefrom some suggestions are submitted for the next revision of the U. S. Pharmacopoeia, also a sample of the product, prepared according to the devised formula. The finished, modified preparation is of the same cresol strength as the official, contains no glycerin, has approximately the same amount of soap, mixes clear with water and is much lighter in color. It has been pronounced superior to the official preparation by several physicians who had formerly used the official preparation.

Formula.

Cresol.....	500 Gm.
Oleic Acid.....	226 Gm.
Sodium Hydroxide.....	35 Gm.
Water.....	

1000 Gm.

Dissolve the sodium hydroxide in 100 mls of water and filter through cotton. Weigh the oleic acid in a tared container (bottle or flask), add the cresol, shake well. Add the solution of sodium hydroxide, shake thoroughly until saponified and add sufficient water to bring the weight of the product to 1000 grammes.

The preparation can be made in less than 15 minutes and has all of the properties of the official preparation, without the disadvantages pointed out above.

It cost about 60 cents per liter as compared to about 98 cents per liter for the official, at the present market price of materials.

*Read before Section on Practical Pharmacy and Dispensing, A. Ph. A., New York City Meeting, 1919.