

accurately classified. Parke, Davis and Co.'s microscopic slides are in general use by instructors in schools and colleges throughout the country; they also supply culture media of any kind on demand. Their biological department has recently solved the problem of the permanent preservation of suprarenal extract, a matter of considerable importance to the ophthalmologist and laryngologist, and has succeeded in producing a stable solution or extract which possesses every therapeutic characteristic of the fresh solution.

Experimental work is now being carried on in this department with a view to the elaboration of other sera, vaccines, and various biologic products, of which announcement will be made from time to time. The huge twin stables in which thousands of animals are housed are the objects of much interest on the part of visitors. They are the largest and most completely equipped buildings devoted exclusively to bacteriological work in the world.



Finished bulb and carton container of Parke, Davis & Co.'s anti-diphtheritic serum ready for the market.

The standardization of important drugs is a subject that has long been of intrinsic interest to this firm. The pharmacist is cognizant of the fact that no two specimens of crude drug will yield finished extracts of uniform strength. The only way, therefore, to attain uniformity in the action of such preparations is to make them conform to a predetermined standard of strength. For many years Parke, Davis & Co. have used accurate methods for assaying chemically all powerful drugs amenable to that form of treatment. Drugs that cannot be standardized chemically, such as ergot, digitalis, convallaria, strophanthus, squill, aconite, Indian cannabis, and others, are tested in their biological laboratories upon animals, and variations in physiological effects are noted and corrected. The objection has been raised to physiological standardization that only relative values can be thus determined. As a result of long experience in this work, methods of