

The three samples were taken during delivery, each sample was divided into three portions and marked as follows: 7a, 7b, 7c; 8a, 8b, 8c; 9a, 9b, 9c. . The "a" portions were put into an ice box and sent to the Laboratory at once, the "b" portions were put into cups and allowed to stand for 24 hours in kitchen or pantry, the "c" portions were treated in exactly the same manner as "b" but were first raised to the boiling point. In regard to this part of the experiment, having been carried out in cool weather it does not bring out the growth of the variety of organisms which would have occurred in hot summer weather, although it will be noted by the group B. Mycoides, etc., were found in very small quantities of milk in both 7c and 8c. The result of the examinations of samples 9b and 9c strongly suggest the presence of some preservative.

There can be little doubt therefore that a pure milk should not be heated save under very exceptional circumstances, and then not above 150 Degr. F. Only milk of high purity should be used for infant feeding.

Heating does not remove dirt already in the milk and it does not destroy toxins that may have been formed before boiling. The raw milk is much more easily preserved, all that is necessary being to keep it cool and protected against contamination. The first can in great measure be successfully done by placing the bottle in a suitable arranged water-cooling canvas bag, familiar to all, and placed in a cool draughty place. The second is met by not allowing the milk to remain exposed or uncovered. Care and intelligence being all that is required of the consumer. Pasteurization of milk is only rendered necessary by the neglect of the most elementary requirements of "dairy cleanliness."

Such are some of the dangers to which milk in the house of the consumer is liable to be, and often is, exposed, with subsequent disastrous results to the infant fed on it.

It is in evading this particular form of danger that a

*Your Medical Officer is much indebted to Mr. McCrae, the Government Analyst, for the care with which he has made all the examinations, and the interest he has taken in the subject, and for directing his attention to an important paper on the subject. In examining this table medical readers are requested to kindly refer to letter covering this report