f experiment, not ev

for an intelligent op

sible perfection.

CHEESE.

Cheese can be but mentioned.

product. The test is Another of its products, even greater in weight than either butter or our testing tube or besse, is so totally ignored that I have been surprised cheese makers have not and aside until cold, attention to it. est one, the water sho

LACTIN OR SUGAR OF MILK.

id any well that is ne I refer to the Sugar of Milk that now decomposes and becomes offensive Some use brine instand the factories and is wasted or so fed to hogs as to be of little account. id left in the interstithe skim milk it is used up in course feeding, but lactin is a most delicate icle of sugar, that which gives to fresh milk its sweetness and only wants ice, as it has the pooe generally known to be appreciated. It is a costly substance now as it there is none more like little used that only druggists keep it and not many of them. Switzerax is not very solubled furnishes most that is found in commerce. It is easily made by concence of it, or 12 gallons ting sweet whey until the sugar crystallizes out. I need not go into reservative than salt, ther details at present. Lactin is not so sweet as cane sugar and has never washed nearly all am used in quantity in the pure state, but will be made and used before reservative.

rying will pay large dividends. Sweedish chemists have of late made a riment for any of youiccated preparation of skim milk. It is used for several purposes, as a food, d roasted and ground as a beverage, with coffee, &c.

ntly removed, then al way. But pract

CONDENSED MILK.

tter will at once abs Vacuum process milk is another product. As we find it it is an inferliate vicinity, and to preparation containing from $\frac{1}{6}$ to $\frac{1}{8}$ of water and as well loaded as high as ars or milk houses t per cent. with cane sugar.

It also requires costly packages for transit.

d. This is on the plant of the containing fat, which is very liable in this form to decay and the adverse flavors is at present utilized, because if all the water be removed a compound revery delicate flavors is at present utilized, because if all the water be removed a compound revery delicate flavors is at present utilized, because if all the water be removed a compound revery delicate flavors is at present utilized, because if all the water be removed a compound revery delicate flavors is at present utilized, because if all the water be removed a compound revery delicate flavors is at present utilized, because if all the water be removed a compound revery delicate flavors is at present utilized, because if all the water be removed a compound revery delicate flavors is at present utilized, because if all the water be removed a compound revery delicate flavors is at present utilized, because if all the water be removed a compound revery delicate flavors is at present utilized, because if all the water be removed a compound revery delicate flavors is at present utilized. These disadvantages must necessarily accompany the handling of milk as laid for a few hours tion of water fails to restore it to its pristine condition of milk. A part of the other flavor. e water being retained the sugar is added as the most harmless, agreeable id nutritious preservative.

any samples of but By scientific reasoning, or from the known to deduce the unknown, I ood article, but howould hazard the prophecy that it is more than probable that by removing e to carry all the wae fat or cream from the pure and fresh milk, the remaining casein, lactin ing amount to as mud salts can be desiccated by the vacuum process, and the addition of water ht coarse salt is add this powder will restore to it the original properties of the milk. The fat, ir strength in crack butter having all foreign matters removed will not be liable to become rancid nd can be put up so as to retain its freshness and flavor. In place of one we be greatly improved ill have two products that can be mingled in any desired proportion and a pure airyman as well as ad good milk be at our command at any time and in any place without added h has been outlined gar. This addition is an inconvenience for many purposes, it increases the

me and will not goost and as far as childrens health is concerned it is not desirable. Thus the public will have the sanitary, and the dairyman the financial ilk, I have but rapidvantage. The term sanitary needs further explanation.

The less chemical changes milk is subjected to the better it is as a food, would require careven simple boiling lowers its digestibility and value, in the vacuum process he high temperature of boiling is avoided.

> Addition to milk is not necessarily improvement. Sugar would be conidered a harmless union, yet it has been found that children fed on the best ondensed, or sugar preserved milk, apparantly thrive and become fat and

e otherwise.

giving any wished

views referred to.