

Meal form for space foods

*shouko kondou¹, NAOMI KATAYAMA¹

1. Graduate School of Nagoya Women's University, The Graduate School of Human Life Science, Division of Food Science and Nutrition (M.A. Program)

As for the meal to eat in a spaceship, liquid must not be scattered. As for the meal to eat in a spaceship, ingredients must not be scattered. Therefore viscosity is necessary moderately. For a commercially available drink, we think that we can prevent a spatter in the outer space by acquiring viscosity using various thickeners. We used the nutritional aid drink that balance of the nourishment was thought about for a drink. In addition, a lot of thickeners are commercially available, too. We made meal by using the third generation thickener in that. The condition of food with thickener becomes thick; we check it by using line-spread-test: LST. We evaluated those foods by using LST.

Keywords: Thickener, line- spread-test:LST, Liquid