

## HEAT-TECHNOLOGY FOR MANUFACTURE OF INSTANT HOT MEAL



Instant borsch

### Areas of Application

The heat-technology is used to manufacture of instant hot meal

### Specification

Long-term storage.

Total weight of daily ration, g	477 – 650
Calories, kcal	3630 – 4200
Cooking time, min	3 – 5

### Advantages

The technology enables preserving functional ingredients for 93 – 95%; as boiling water is added the portion volume increases 7 – 8 times; the dry rations contain antioxidants, folates, phytoestrogenic and prebiotic properties

### Stage of Development. Suggestions for Commercialization

IRL8, TRL6  
Manufacture and supply of products and production equipment can be provided upon request

### IPR Protection

IPR1, IPR2, IPR3

### Contact Information

Alexander I. Chaika, Institute of Engineering Thermophysics of the NAS of Ukraine;  
+38 044 456 93 81, e-mail: chaika@ittf.kiev.ua