

quantitative metal indicator test (mercoquant), the reactions to Al, Co, Cu, Fe, Mn and Pb were negative while the reaction of Zn was positive.

A dialyzed crude preparation of the protease was purified by DEAE Sephadex chromatography and enzyme activity was found to be localized in the 0.1 M KCl eluted fraction. A purified powder was prepared by freeze drying the active fraction. SDS-PAGE of the powder resulted in a single protein band which suggests that it was pure.

## **Short Reports**

### **Health Care Assistance for Workers Engaged in Clearing Oil that Leaked from the Nahotoka Wreck**

Masana OGATA, Hideki YAMAMOTO and Yasujuro KAMATA

Medical examinations of fishermen and a volunteer engaged in clearing heavy oil C that leaked from the Nahotoka wreck, showed irritations of the skin and mucous membrane and eye disturbances due to oil splashed on the cornea.

Gloves were worn by 92.6% of the workers and 28.6% wore goggles, but only 4.8% wore protective masks for organic solvents. Five workers died doing heavy work in the cold climate. Four workers died from acute heart attacks, including a myocardial infarction. Manuals containing guidelines for protecting workers engaged in removing oil and the prevention of heart attacks in workers doing strenuous work in cold temperatures were prepared.

### **An Investigation of Accidents causing Minor or No Injury during Training at a Special Home for the Aged**

Toyohiro TAGUCHI

No abstract

### **Discipline and Physical Punishment**

Hajime TABUCHI

No abstract

### **A Survey of Children at an Elementary School who Play Video Games and its Relation to Subjective Symptoms**

Kazuyo HIYA, Takahiro HONO and Osamu SHIMADA

No abstract

### **The Connection between Technical Knowledge and Technique Study of Physical Therapy Students**

Katsushi KUNIYASU

No abstract