

(Direct translation from the document in Japanese)

Test No. 12036312001-02

Dated: August 6, 2012

specimen

Alkaline electrolyzed water PL-112. 7

Test Period

2012/06/28~2012/08/06

Test Facilities

Japan Food Research Laboratories Tama Research Institute, 6 Nagayama, Tama City, Tokyo

Test Principal

Japan Food Research Laboratories Safety Testing Division, Tama Research Institute Safety Testing Department

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1) Purpose of the test

Acute oral toxicity in female mice was investigated.

2) Samples

Alkaline electrolyzed water pH 12. 7

Properties: Colorless transparent liquid

3) Test Animals

Five-week-old ICR female mice were purchased from Japan SLC Co., Ltd., pre-reared for about 1 week to confirm no abnormalities in the general condition, and then used for testing. Five animals were kept in polycarbonate cages and kept in a breeding room with a room temperature of 23°C +/- 2°C and 12 hours/day of daylight. Feed [solid feed for mice and rats; Lab MR Stock, Japan Fusan Industry Co., Ltd.] and drinking water (tap water) were freely consumed.

4) Test method

A test group was administered undiluted specimens, a control group was administered water for injection, and 5 animals were used in each group.

The test animals were fasted for about 4 hours before administration. After the body weight was measured, a single dose of injectable water was administered at 20 mL/kg to the test group and to the control group using a gastric sonde. The observation period was 14 days, and the administration was performed frequently, and the follow-up examination was performed once a day, from the next day. The body weight was measured on the 7th and the 14th day.

5) Test Results

No deaths were observed during the observation period in either group.

No abnormalities were observed during the observation period in either group.

At 7 and 14 days after administration, there was no difference in body weight in the test group compared to the control group.

6) Conclusion

An acute oral toxicity test (limit test) was conducted on female mice.

As a result of a single oral administration of the undiluted specimen at a dose of 20 mL/kg, no abnormalities or deaths were observed during the observation period.

7) Bibliography

OECD Guidelines for the Testing of Chemicals 420(2001).