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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB 18079-2012

Replacing GB 18079-2000

**Health protection zone for gelatin industry
(English Translation)**

Issued on: January 1, 1970

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**Issued by: People's Republic of China Ministry of Health, Standardization
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Foreword

4.2 to 4.4 of this standard are recommended, the rest are mandatory.

This standard was drafted in accordance with GB/T 1.1-2009 given rules.

This standard replaces GB 18079-2000 "glue factory Health protection zone standard" compared with GB 18079-2000 major technological changes as follows.

- Adjust the standard name, and according to GB/T 1.1-2009 standard structure adjustment;
- Amendments to the definition of health protection distance, increasing the sensitive area, complex terrain, glue three terms and definitions;
- Revised the Health protection zone standard value, adjust the scale of production sub-file;
- Increased requirements for greening.

This standard is proposed and administered by the People's Republic of China Ministry of Health.

The standard by the China Center for Disease Control Environmental Health and Related Product Safety, Wenzhou Municipal Center for Disease Control and Prevention is responsible for drafting, Pingyang County Health Authority participated in the drafting.

1 Scope

This standard specifies the health protection distance required between the company and the sensitive area of animal glue.

This standard applies to areas located in the plains of animal glue manufacturers new construction, renovation, expansion project. Existing animal glue manufacturing enterprises can participate According to the Executive.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version suitable for use herein Member. For undated references, the latest edition (including any amendments) applies to this document.

GB/T 3840-1991 development of local air pollutant emission standards of technical methods

3 Terms and Definitions

The following terms and definitions apply to this document.

Health protection healthprotectionzone Factors adversely department (workshop or workplace) to the sensitive border zone boundary minimum distance.

Sensitive area Residential areas, schools, hospitals and other air pollution sensitive areas.

Complex terrain complicatedlandform Mountains, hills, coastal.

Gelatin

Animal skin, bone or tendons and other raw materials, which will be contained in the collagen after partial hydrolysis, extraction and drying solids made of protein.

4 Index requirements

4.1

gelatin manufacturing sanitary protection zone standard limits are shown in Table 1.

Table 1 gelatin manufacturing Health protection standard limits

Production scale

Region the past five years the average wind speed m/s Health protection 4200 4.2 gelatin production enterprises health protection method for determining the distance located complex terrain conditions, with reference to GB/T 3840-1991 in 7.6 regulations.

Location 4.3 gelatin production enterprises and sensitive areas, should consider the impact of wind frequency and topography and other factors, minimize its large sensitive area Air pollution environment.

Enterprise 4.4 within the health protection distance range, densely planted trees plants green belt (width less than 10m), and according to health 90% protection from the standard limit of execution. Attention to the selection of species resistant characteristics of pollutants or adsorption characteristics.