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

GB/T 22538-2018

Replacing GB/T 22538-2008

Grade quality of red ginseng

红参分等质量

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Table of Contents

- 1 Scope
- 2 Normative references
- 3 Terms and definitions

Foreword

This standard was drafted in accordance with the rules given in GB/T 1.1-2009. This standard replaces GB/T 22538-2008 "Red ginseng and other quality". This standard is compared with GB/T 22538-2008, except for editorial In addition to the changes, the main technical content changes are as follows:

- Modify some normative references;
- Increase the terminology of molding red mixing, ditching, small goods, remove the terminology of insects, mildew, mixed goods, raw red ginseng, modify red ginseng, ordinary red The terms of the ginseng, side red ginseng, gloss, red straight whisker, red mixed whisker, and modify some English corresponding words;
- Remove the specifications of the 8 and 12 pieces of the standard red ginseng and the main root length; delete the raw red ginseng in the red ginseng specification specification;
- Increase the specifications of 10 of the common red ginseng; increase the specifications of 20 of the red ginseng specifications; increase the molding red quotation The specifications of 8 strips in the grid and the grade requirements of the moulded red mixed whiskers; increase the specifications of 20 gauges in the full whisker specifications;
- Adjust the main root length of the red strip of the side strip, the single weight of the common red ginseng, the overall length of the molded red ginseng, the main root length of the red ginseng, and the red ginseng Thickness
- Delete acid-insoluble ash, thin layer identification of ginsenoside Rg1, Re, Rb1;
- Increase the qualitative identification of ginsenoside Rf and ginsenoside F11;
- Modify the ginseng total saponin content limit to $\geq 2.00\%$;
- Delete the specific indicators in the health indicators, using the reference standard method;
- Removed the determination method of the total ginsenoside content of Appendix A fresh ginseng;

--- Added the qualitative identification of Appendix A ginsenoside Rf and ginsenoside F11. This standard is proposed and managed by the National Ginseng Product Standardization Technical Committee (SAC/TC403). This standard was drafted. Jilin Province Ginseng Office, Jilin Ginseng Research Institute, National Ginseng Product Quality Supervision and Inspection Center, China Agriculture Institute of Special Products of the Academy of Sciences, Liaoning Xiangyun Pharmaceutical Co., Ltd., Jilin Shentian Tianxia Mountain Ginseng Research and Development Center, Changbai Mountain Huangfeng Participation Co., Ltd. Company, Hunchun Huarui Shenye Bioengineering Co., Ltd., Tonghua Fushen Special Products Co., Ltd., Hangzhou Huqing Yutang National Medicine Co., Ltd., Liaoning Tianshili Ginseng Co., Ltd., Kangmei Xinkaihe (Jilin) Pharmaceutical Co., Ltd., Benxi Longbao Ginseng Group Co., Ltd., Zhejiang Shou Xiang Pharmaceutical Co., Ltd., Hangzhou Fanghuichuntang Group Co., Ltd., Fusong County Shenwang Plant Protection Co., Ltd., Jilin Provincial Standard Research Institute. Drafters of this standard. Feng Jia, Cao Zhiqiang, Zhong Weitong, Wu Lunpeng, Wang Yingping, Zeng Xiangyun, Gao Qinghai, Jin Lihua, Wang Junliang, Yang Zhongying, Zhang Yuling, Li Xuejun, Sun Xiaoxian, Li Mingwei, Guo Yizhen, Yan Ziheng, Pang Jiaying, Chi Mei, Han Shidong, Xu Fangfei, Feng Bing, Wei Chunyan, Zhang Hongjie, Zhang Yanchao, Feng Zhiwei. The previous versions of the standards replaced by this standard are.

---GB/T 22538-2008. Red ginseng and other quality

1 Scope

GB/T 22538-2018 is the Chinese national standard on grade quality of red ginseng, in the field of agriculture. The /T suffix marks it as a recommended standard: it is not compulsory by itself, but it becomes binding as soon as a contract, a tender or a customer specification calls it up - which in practice is how most foreign buyers meet it. It was issued on 7 June 2018 by the State Administration for Market Regulation; Standardization Administration of China, and has been in force since 1 October 2018. Classification: ICS 65.020.01, CCS B30. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

This standard specifies the terms and definitions of red ginseng products, technical requirements, inspection methods, inspection rules, signs, labels and packaging, and transportation. And storage. This standard applies to the classification and testing of red ginseng.

2 Normative references

The following documents are indispensable for the application of this document. For dated references, only dated versions apply to this article. Pieces. For undated references, the

latest edition (including all amendments) applies to this document.

GB/T 191 packaging storage and transportation icon

GB 2760 food safety national standard food additive use standard

GB 2762 National Standard for Food Safety

GB 2763 National Food Safety Standards for pesticides

GB 5009.3-2016 National Food Safety Standard Determination of Moisture in Foods

GB 5009.4-2016 National Food Safety Standard Determination of ash in foods

GB/T 6682 Analytical laboratory water specifications and test methods

GB 7718 National Food Safety Standards for Prepackaged Food Labels

GB/T 18765-2015 Wild ginseng identification and grading quality

GB/T 26792 High Performance Liquid Chromatograph Pharmacopoeia of the People's Republic of China (Part 4 of 2015 Edition)

3 Terms and definitions

The following terms and definitions apply to this document.

3.1 Red ginseng redginseng Ginseng products that have been washed, steamed and dried with fresh ginseng (*Panaxginseng* C.A. Mey.) for 5 years and more.

3.2 Common red ginseng commonredginseng A group of products with a large number of branches.

3.3 Side red ginseng biantiaoredginseng It has three types of products (three long lengths, long root length, long root length).

3.4 Red whiskers redginsengwithfulroots Reed, body, and a complete product.