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GH/T 1087-2013

**Method for identification of authenticity of propolis. High
performance liquid chromatographic fingerprint method
(English Translation)**

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Foreword

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

This standard uses the patent ZL200510060230.8.

This standard was proposed by Hangzhou Bee's Word Bee Industry Co., Ltd.

This standard is under the jurisdiction of the All-China Federation of Supply and Marketing Cooperatives.

This standard was drafted. Hangzhou Bee's Word Bee Industry Co., Ltd., Zhejiang Food and Drug Inspection Institute.

Introduction

The issuing organization of this document draws attention to the fact that when the statement conforms to this document, it relates to the patent related to this document (ZL200510060230.8) usage of.

The issuing organization of this document has no position on the authenticity, validity and scope of the patent.

The holder of the patent has assured the issuing authority of this document that he is willing to work with any applicant on reasonable and non-discriminatory terms and conditions.

Negotiate on patent licensing. The patent holder's statement has been filed with the issuing authority of this document. Related information can be passed the following Contact information obtained.

Patent holder. Hangzhou Bee's Word Bee Industry Co., Ltd.

Address. No. 898, Qiaolin Road, Tonglu County, Hangzhou, Zhejiang, China.

Please note that in addition to the above patents, certain aspects of this document may still involve patents. The issuing organization of this document does not undertake to identify

these special Liability.

Propolis authenticity identification method High performance liquid chromatography fingerprinting

1 Scope

This standard specifies the method for identifying the authenticity of propolis by high performance liquid chromatography fingerprint.

This standard applies to poplar-type propolis raw materials, poplar-type propolis extract extracted from edible alcohol as solvent, and propolis in its products.

Sexual identification.

This standard does not apply to the authenticity of propolis in a propolis compound preparation compatible with raw materials containing flavonoids (except propolis).

Identification.

2 Normative references

The following documents are indispensable for the application of this document. For dated references, only the dated version applies to this article.

Pieces. For undated references, the latest edition (including all amendments) applies to this document.

GB/T 6682 Analytical laboratory water specifications and test methods GB/T 24283 Propolis Technical Specifications for Health Food Inspection and Evaluation (2003 Edition)

3 Terms and definitions

The following terms and definitions apply to this document.

Fingerprint chromatographic fingerprint this standard refers to propolis, poplar gum, etc. after appropriate treatment, using high performance liquid chromatography analysis, can be obtained to reflect its chemical characteristics the chromatogram of the sign.

Similarity

A parameter that characterizes the similarity of two fingerprints.

Characteristic chromatographic peak the characteristic chromatographic peaks A characteristic peak in the chromatogram.

Poplar type propolis Populus is a propolis of major plant origin.

Poplar gum poplar tree gum A gelatinous substance artificially prepared from poplar tissue

such as poplar buds and poplar leaves.