

ICS 67. 040

C 53



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

中华人民共和国国家标准

GB/T 5009.159-2003

Determination of reductive-form ascorbic acid in foods

食品中还原型抗坏血酸的测定

Issued on August 11, 2003

Implemented on January 01, 2004

Issued by Ministry of Health (MOH) of the People's Republic of China

**Standardization Administration of the People's Republic of China
(SAC)**

Contents

Foreword	1
Introduction	1
1 Scope	1
2 Principle	1
3 Reagents	1
4 Instruments	2
5 Analysis procedures	2
6 Result calculation	4
7 Precision	4

Foreword

Annex A of this standard is informative annex.

This Standard is proposed and under the jurisdiction of the Ministry of Health (MOH) of the People's Republic of China.

Chief draft unit of this standard: Tangshan Sanitation and Antiepidemic Station, Hebei.

Participated draft units of this standard: Hebei Sanitation and Antiepidemic Station, Tianjin Institute of Food Hygiene Supervision and Inspection and Jilin Sanitation and Antiepidemic Station.

Chief drafters of this standard: Zhang Wende, Li Xinrong, Han Huixin, Wang Yinguo and Li Qing.

Introduction

The current national standard GB/T 12392—1990 *Method for Determination of Total Ascorbic Acid in Fruits, Vegetables and Derived Products- Fluorometric Method and Colorimetric Method* determine chlorination dehydrogenation ascorbic acid, and it can not determine reduced ascorbic acid of its main ingredients. In addition, it is limited to fruit and vegetable samples, and the operation is very complex. It is much more unsuitable for fortified food, protein food and other test samples. For this purpose, standard test method is developed for determine the ascorbic acid in food. This method is characterized by high sensitivity, good accuracy, easy and simply operation, fastness, wide usage, etc. It is applicable to the determination of the ascorbic acid of various kinds of food.

完整版本请在线下单

或咨询：

TEL: 400-678-1309

QQ: 19315219

Email: info@lancarver.com

<http://www.lancarver.com>

对公账户：

单位名称：北京文心雕语翻译有限公司

开户行：中国工商银行北京清河镇支行

账 号：0200 1486 0900 0006 131

支付宝账户：info@lancarver.com

注：付款成功后，请预留电邮，完整版本将在一个工作日内通过电子 PDF 或 Word 形式发送至您的预留邮箱，如需索取发票，下单成功后的三个工作日内安排开具并寄出，预祝合作愉快！