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GB

NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA

GB 8537-2018

National Food Safety Standard - Drinking Natural Mineral Water

食品安全国家标准 饮用天然矿泉水

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**Issued by: National Health Commission of the People's Republic of China;
State Administration for Market Regulation.**

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Foreword

This Standard serves as a replacement of GB 8537-2008 Drinking Natural Mineral Water.

In comparison with GB 8537-2008, this Standard has the following main changes:

- The requirements of water sources are modified;
- The sensory requirements are modified;
- The boundary indexes are modified;
- The limit indexes are modified;
- The microbial limit is modified;
- Some requirements in the clause of marking are deleted.

National Food Safety Standard - Drinking Natural Mineral Water

1 Scope

This Standard is applicable to drinking natural mineral water.

2 Terms and Definitions

2.1 Drinking Natural Mineral Water

Drinking natural mineral water refers to water, which naturally surges out from deep underground or is gathered through well drilling; which contains a certain amount of mineral substances, trace elements or other ingredients; which is uncontaminated in a certain area or adopts precautionary measures to prevent from contamination. Under normal circumstance, within a natural periodic fluctuation range, its dynamic indexes, such as chemical composition, flow and water temperature, are relatively stable.

2.1.1 Gas-containing natural mineral water

Gas containing natural mineral water refers to natural mineral water, which allows the elimination of unstable components through the methods of aeration, decantation and filtration in the processing technology, allows recycle and filling of homogenous carbon dioxide on the premise of not changing the basic characteristics and main component content of drinking natural mineral water. After packaging, at normal temperature and pressure, there shall be visible natural release and bubbles generated by homogeneous carbon dioxide.

2.1.2 Gas-filled natural mineral water

Gas-filled natural mineral water refers to natural mineral water, which allows the elimination of unstable components through the method of aeration, decantation and filtration in the processing technology, fills in food additive carbon dioxide to generate bubbles on the premise of not changing the basic characteristics and main component content of drinking natural mineral water.

2.1.3 Gasless natural mineral water

Gasless natural mineral water refers to natural mineral water, which allows the elimination of unstable components through the method of aeration, decantation and filtration in the processing technology on the premise of not changing the basic characteristics and main component content of drinking natural mineral water. After packaging, its free carbon dioxide content shall not exceed carbon dioxide content that

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