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NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA

GB/T 1886.29-2015

**National food safety standard -
Food additives - Oil of ginger**

食品安全国家标准

食品添加剂 生姜油

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National food safety standard - Food additives - Oil of ginger

1 Scope

This standard applies to the food additive - ginger oil which is extracted from the roots of ginger (*Zingiber officinale* Rosc.) by steam distillation.

2 Technical requirements

2.1 Sensory requirements

Sensory requirements shall meet the requirements of Table 1.

Appendix A

Gas chromatogram of food additive - ginger oil (area normalization method)

A.1 Gas chromatogram of food additive - ginger oil

The gas chromatogram of food additive - ginger oil is as shown in Figure A.1.

A.2 Operating conditions

A.2.1 Column: Capillary column, 60 m long, 0.25 mm inner diameter.

A.2.2 Stationary phase: Polydimethylsiloxane.

A.2.3 Film thickness: 0.25 μm .

A.2.4 Chromatography furnace's temperature: Keep constant temperature at 60°C for 2 min; then perform linear programming temperature rise from 60°C to 150°C at a rate of 3°C / min; then perform linear programming temperature rise from 150°C to 180°C at a rate of 1°C / min; then perform linear programming temperature rise from 180°C to 220°C at a rate of 5°C / min; finally keep constant temperature at 220°C for 5 min.

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