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

GB/T 5535.1-2008

**Animal and vegetable fats and oils -- Determination of
unsaponifiable matter -- Part 1: Method using diethyl ether
extraction**

动植物油脂 不皂化物测定

(English Translation)

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1 Scope

This Part of GB/T 5535 specifies a method using diethyl ether extraction for the determination of the unsaponifiable matter content of animal and vegetable fats and oils.

This Part is applicable to the determination of the unsaponifiable matter content of general animal and vegetable fats and oils. This Part is not applicable to waxes and, moreover, gives approximate results with certain fats of high unsaponifiable matter content, for example with fats derived from marine animals.

A method given in GB/T 5535.2 may be used when climatic conditions, or regulations, do not permit the use of diethyl ether.

2 Normative references

The following documents contain provisions which, through reference in this

Part of GB/T 5535, constitute provisions of this Part. For the dated references, their subsequent amendments (excluding corrections) or revisions do not apply to this Part. However, the parties who enter into agreement based on this Part are encouraged to

investigate whether the latest editions of these documents are applicable. For undated reference documents, the latest editions apply to this Part.

GB/T 15687 Oils and fats - Preparation of test sample (GB/T 15687-1995, eqv ISO 661:1989)

3 Terms and definitions

For the purposes of this Part of GB/T 5535, the following term and definition applies.

3.1

Unsaponifiable matter