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

GB/T 39010-2020

Essential oils--Characterization

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2.144 of TR21092) to correct the errors found or adapt to the situation in our country;

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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 redrafting method to modify and adopt ISO /T R21092.2004 "Characterization of Essential Oils."

The technical differences between this standard and ISO /T R21092.2004 and the reasons are as follows.

---The scope of this standard has been modified in accordance with the rules of GB/T 1.1-2009, and the scope of this standard has been added to Chapter 1 "Scope".

Use range (see Chapter 1);

---Chapter 2 "Normative Reference Documents" has been added to adapt to my country's technical conditions;

--- Modify the "Note" in Chapter 1 of ISO /T R21092.2004 to the text of Chapter 3 (see Chapter 3) to adapt to our country's

Technical conditions;

---Modified the serial number method in ISO /T R21092.2004 (see Table 1) to adapt to my country's application habits;

--- Deleted 6 codes, namely. FEMA3065 (see 2.1 of ISO /T R21092), CAS-EINECS84775-45-1 (see

ISO /T R21092 2.7), CAS-USA8000-29-1 (see ISO /T R21092 2.41), CAS-USA8007-02-1 (see

ISO /T R21092 2.91), FEMA2624 (see ISO /T R21092 2.91), EC424n (see ISO /

2.144 of TR21092) to correct the errors found or adapt to the situation in our country;

---45 codes have been added, namely. FEMA2154 (see Table 1 serial number 13), EC89n (see Table 1 serial number 13), FEMA2225 (see

Table 1 serial number 19), EC276n (see table 1 serial number 19), CAS-USA8023-84-5 (see table 1 serial number 28), EC302n (see

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EINECS84776-65-8 (see serial number 82 in Table 1), EC421n (see serial number 83 in Table 1), EC258n (see serial number 84 in Table 1),

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EC285b (see table 1 serial number 149), EC2082n (see table 1 serial number 151), FEMA3037 (see table 1 serial number 153), CAS-

USA8024-11-1 (see table 1 serial number 167), CAS-EINECS93685-73-5 (see table 1 serial number 63), CAS-EINECS

93686-30-7 (see No. 170 in Table 1) to update or supplement relevant information;

---Modified 9 codes, namely. CAS-EINECS84755-39-3 (see 2.20 of ISO /T R21092) to CAS-EINECS

84775-39-3 (see Table 1 No. 20), FDA182.10 (see ISO /T R21092 2.37) changed to FDA182.20 (see Table 1

No. 37), EC38n (see 2.91 of ISO /T R21092) changed to EC2045n (see No. 91 in Table 1), FDA182.20 (see

ISO /T R21092 2.105) was changed to FDA182.10 (see Table 1 No. 105), FEMA2716 (see ISO /T R21092

2.106) to FEMA2761 (see No. 106 in Table 1), FDA182.20 (see 2.118 of ISO /T R21092) to FDA182.10 (see No. 118 in Table 1), EINECS290-371-7 (see 2.119 of ISO /T R21092) changed to EINECS

290-371-1 (see Table 1, serial number 119), CAS-USA8006-82-6 (see ISO /T R21092 2.125) changed to CAS-

USA8006-82-4 (see No. 125 in Table 1), EINECS290-260-3 (see 2.133 of ISO /T R21092) changed to EI-

NECS283-289-8 (see No. 133 in Table 1) to correct errors found or supplement related information.

This standard also made the following editorial changes.

--- Deleted the ISO /T R21092.2004 English and French indexes to meet the application needs of our country.

This standard was proposed by the China National Light Industry Council.

This standard is under the jurisdiction of the National Standardization Technical Committee for Fragrance, Flavor and Cosmetics (SAC/TC257).

Drafting organizations of this standard. Shanghai Fragrance Research Institute, Dezhixin (Shanghai) Co., Ltd., International Fragrance (China) Co., Ltd., Firmenich Fragrances (China) Co., Ltd., Givaudan Flavours and Fragrances (Shanghai) Co., Ltd., Hasegawa Spices (Shanghai) Co., Ltd., Shanghai Takasago Kamchenko Material Co., Ltd.

Introduction

The application of a single code (such as CAS number) to characterize essential oils may be incomplete and may cause some confusion. Therefore, the development of this standard

The purpose is to provide essential oil users with the necessary information in order to more fully characterize these essential oils.

Essential oil characterization

1 Scope

This standard gives the essential oils CAS-USA, EINECS, CAS-EINECS, FEMA, EC, FDA number 1), used to identify essential oils.

1) CAS. Chemical Abstract Service American Chemical Abstract Service;

EINECS. European Inventory of Existing Commercial Substances European Existing Commercial Chemicals Directory;

FEMA. Flavour and Extract Manufacturers Association (U.S.) Flavor and Extract Manufacturers Association;

EC. Council of Europe Council of Europe;

FDA. Food and Drug Administration (United States) Food and Drug Administration.

This standard applies to essential oils and related spices.

2 Normative references

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

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

GB/T 39009-2020 Nomenclature of essential oils (ISO 4720:2018, IDT)

3 Symbol number