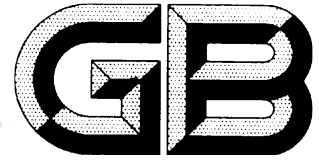


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**NATIONAL STANDARDS OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB 41700-2022

Electronic cigarette

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Preface

This document was drafted in accordance with the rules given in GB/T 1.1-2020 *Guidelines for Standardization – Part 1: Structure and Drafting Rules of Standardization Documents*.

Note that some of the contents in this document may involve patents. The issuer of this document does not assume the responsibility for identifying patents.

This document was proposed by the State Tobacco Monopoly Administration which is the focal point for this work.

Electronic Cigarettes

1 Scope

This document defines the terms and definitions of electronic cigarettes, specifies the requirements for e-cigarette design and raw materials and technical requirements, describes the test methodologies, labelling and product instructions.

This document is not applicable for other tobacco products.

2 Normative references

The contents of the following documents constitute essential provisions of this document through the normative references in the text. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document, including any amendments applies.

GB/T 1540-2002 Paper and board - Determination of water absorption - Cobb method

GB/T 2423.7-2018 Environmental test Part 2: Test methodologies test Ec: Shock caused by rough handling (mainly for equipment type samples)

GB/T 4208-2017 Enclosure protection class (IP code)

GB 4343.1 Electromagnetic compatibility requirements for household appliances, power tools and similar apparatus - Part 1: Emission

GB 4706.1 Household and similar electrical appliances - Safety - Part 1: General requirements

GB 4806.1 National Food Safety Standards - General safety requirements for food contact materials and products

GB 4806.3 National Food Safety Standards - Enamel products

GB 4806.4 National Food Safety Standards – Ceramic products

GB 4806.5 National Food Safety Standards – Glassware

GB 4806.6 National Food Safety Standards – Food contact plastics and resin

GB 4806.7 National Food Safety Standards - Food contact plastic materials and products

GB 4806.8 National Food Safety Standards – Food contact paper and cardboard materials and products

GB 4806.9 National Food Safety Standards - Food contact metal materials and products

GB 4806.10 National Food Safety Standards – Food contact paints and coatings

GB 4806.11 National Food Safety Standards – Food contact rubber materials and products

GB 5009.11 National Food Safety Standards - Determination of total and inorganic arsenic in foods

GB 5009.11 – 2014 National Food Safety Standards – Determination of total arsenic and inorganic arsenic

GB 5009.74 National Food Safety Standards - Heavy metal limit test in food additives

GB 5749 Hygienic standards of drinking water

GB/T 6682 Water for analytical laboratory use - Specification and test methods

GB/T 16450 Routine analytical cigarette smoking machine - Definitions and standard conditions

GB/T 26572 Limit requirements for restricted substances in electrical and electronic products

GB 29216 National Food Safety Standards – Additives - Propylene glycol

GB 29950 National Food Safety Standards – Additives – Glycerin

GB/T 41701-2022 E-liquid - Determination of nicotine, propylene glycol and glycerin - Gas chromatography

SJ/T 11364 Marking for the Restriction of Hazardous Substances in Electrical and Electronic Products

SJ/T 11796 General specifications for lithium-ion batteries and battery packs for electronic cigarettes

YC/T 164 Tobacco flavors

YC/T 559 Determination of characteristic components of tobacco – determination of alkaloids - gas chromatography-mass spectrometry joint method and gas chromatography-tandem mass spectrometry

3 Terms and definitions

The following terms and definitions apply to this document:

3.1

Electronic cigarette

Electronic delivery system that produces inhalable aerosols.

Note: It does not include cigarettes.

3.2

E-atomization material

The mixture and auxiliary substances that can be atomized fully or partially into inhalable nicotine-containing aerosols by electronic device.

3.3

E-liquid

E-atomization material in liquid form.

3.4

Electronic cigarette device

Electronic device that atomizes e-atomization material into inhalable aerosols.

3.5

Electronic cigarette modules

An independent module or combination of modules that make up an electronic cigarette.

Note: Any products that form an independent part of e-cigarettes and can be sold independently.

3.6