

ICS 65.160
CCS X 87

YC

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

YC/T 540-2016

**Cigarettes. Determination of ethylene oxide and propylene
oxide in mainstream cigarette smoke. Gas
chromatography-mass spectrometry method
(English Translation)**

Issued on: January 23, 2016

Implemented on: February 15, 2016

Issued by: State Tobacco Monopoly Administration

Table of Contents

What this standard covers	1
Document data	2
Standards quoted by this document	3

What this standard covers

This standard specifies the determination of ethylene oxide and propylene oxide in the mainstream smoke of cigarettes by gas chromatography-mass spectrometry. This standard applies to the determination of ethylene oxide and propylene oxide in mainstream cigarette smoke. The limit of quantification of ethylene oxide and propylene oxide in cigarette smoke was 0.10ug/cig, 23.1ng/cig, and the detection limits were 0.029ug/cig, 6.9ng/cig, respectively.

Document data

International classification (ICS): 65.160.

Chinese classification (CCS): X87.

Estimated length of the Chinese original: 10,144 words.

Standards quoted by this document

GB/T 19609