

ICS 65.160
CCS X 87

YC

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

YC/T 383-2010

**Tobacco and tobacco products. Determination of nicotine,
nornicotine, anatabine, myosmine and anabasine. GC-MSD
method**

(English Translation)

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What this standard covers

This standard specifies the tobacco and tobacco products in the five kinds of alkaloids, including [nicotine (Nicodine), Nornicotine (Nornicotine), Mai Siming (Myosmine), anabasine (Anabasine), neonicotinoid (Anatabine)] by gas chromatography mass spectrometry method. This standard applies to tobacco and tobacco products in the five kinds of alkaloids (nicotine, nornicotine, Mai Siming, anabasine, neonicotinoid) determination. The determination of nicotine in tobacco and tobacco products, reduce nicotine, Mai Siming, anabasine, neonicotinoid quantification limits were 46. 8µg/, 7. 6µg/g, 0. 5µg/g, 5. 1µg/g, 7. 9µg/g. The detection limits were 14. 1µg/g, 2. 3µg/g, 0. 2µg/g, 1. 5µg/g, 2. 4µg/g.

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