

2011 Survey on Nicotine, Tar and Carbon Monoxide in Mainstream Smoke of Domestic and Imported Tobacco Products

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ABSTRACT

Fifty cigarette samples, including 6 domestic, 41 imported, and 3 China cigarettes were analyzed in this study. Nicotine yields in mainstream smoke of 50 cigarettes ranged from 0.31 to 0.88 mg/cig. Corresponding tar yields ranged from 3.21 to 11.29 mg/cig, of which one sample was above the regulations of “The Tobacco Hazards Prevention and Control Act”. The carbon monoxide yields of the 50 cigarettes ranged from 2.62 to 13.18 mg/cig. All the quality data complied with control limits. Our laboratory also participated in the 18th Asia Collaborative Study (ACS) and received satisfactory results. In addition, our laboratory also passed the accreditation conducted by TAF this year.

Key words: cigarette, nicotine, tar, carbon monoxide

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