

ICS 71.100.40
CCS Y 43

QB

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

QB/T 5833-2023

**Oral cleaning and care products - Determination of six chlorophenol
preservatives in toothpaste, p-chloro-m-cresol, hexachlorophene, dichlorophen,
bromochlorophene, benzylchlorophene, and chloroxylenol - HPLC**

口腔清洁护理用品 牙膏中p-氯-m-甲酚、六氯酚、双氯酚、溴氯芬、苄氯酚、氯
二甲酚6种氯酚类防腐剂含量的测定 高效液相色谱法

(English Translation)

Issued on: April 21, 2023

Implemented on: November 1, 2023

Issued by: Ministry of Industry and Information Technology

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What this standard covers

This standard specifies the high-performance liquid chromatography method for the determination of six chlorophenols: p-chloro-m-cresol, hexachlorophenol, dichlorophenol, bromoclofen, benzylchlorophenol and chloroxylenol in toothpaste and other oral care products. Preservative reagents, instruments and equipment, analysis steps, result calculation, detection concentration and quantitative concentration, recovery rate and precision, and allowable differences. This standard is applicable to the determination of six chlorophenol preservatives: p-chloro-m-cresol, hexachlorophenol, dichlorophenol, bromoclofen, benzylchlorophenol and chloroxylenol in toothpaste and other oral care products.

Document data

International classification (ICS): 71.100.40.

Chinese classification (CCS): Y43.

Estimated length of the Chinese original: 13,118 words.