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CCS Y 42

QB

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

QB/T 5411-2019

**Determination of prohibited diethylene glycol in cosmetics. Gas
chromatography**

化妆品中禁用物质二甘醇的测定 气相色谱法

(English Translation)

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What this standard covers

This standard specifies the gas chromatography-hydrogen flame ionization detector method for the determination of diethylene glycol, a prohibited substance in cosmetics. This standard is applicable to the determination of diethylene glycol in creams, liquids, lotions, and gels. The detection limit and quantification limit of this standard: the detection limit of diethylene glycol in gels and water preparations is 200 mg/kg, the quantification limit is 500 mg/kg, and the detection limit of diethylene glycol in cream and lotion samples The limit is 400 mg/kg and the limit of quantification is 600 mg/kg.

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