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QB

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

QB/T 4851-2015

**Determination of inorganic elements in wine. Inductive coupled
plasma mass spectrometry and inductive coupled plasma
atomic emission spectrometry**

葡萄酒中无机元素的测定方法 电感耦合等离子体质谱法和电感耦合等离子体原子
发射光谱法

(English Translation)

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What this standard covers

This standard specifies the method for determination of inorganic elements in wine. This standard applies to the determination of wine lithium, vanadium, cobalt, nickel, gallium, strontium, molybdenum, barium, sodium, magnesium, silicon, phosphorus, potassium, calcium, manganese, iron and boron. In the sample volume 2.5 mL, volume by volume, 25 mL, the detection limit of the standard methods are: lithium, 0.04 ?g/L; vanadium, 0.01 ?g/L; cobalt, 0.04 ?g/L; Ni, 0.08 ?g/L; gallium, 0.08 ?g/L; strontium, 0.04 ?g/L; molybdenum, 0.01 ?g/L; Ba, 0.10 ?g/L; sodium, 20 ?g/L; magnesium, 20 ?g/L; Si, 60 ?g/L; phosphate, 20 ?g/L; potassium, 20 ?g/L; calcium, 7 ?g/L; manganese, 2 ?g/L; iron, 20 ?g/L; B, 20 ?g/L.

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