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QB

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

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**Determination of 12 kinds of free amino acids in wines-High
performance liquid chromatography**

葡萄酒中12种游离氨基酸的测定 高效液相色谱法

(English Translation)

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What this standard covers

This standard specifies the method for the determination of 12 free amino acids in wine by high performance liquid chromatography with dansyl chloride precolumn derivatization. This standard applies to Arg, Ser, Thr, Gly, Ala, Pro, gamma-aminobutyric acid in wine.

Determination of 12 free amino acids including Gaba, Valine, Isoleucine, Leu, Tryptophan, and Phe. The detection limits (mg/L) of the method were: arginine, 0.38; serine, 0.35; threonine, 0.48; glycine, 0.26; alanine, 0.36; valine, 0.28; gamma-aminobutyric acid ,

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