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摘要: 鱼肉中超标残留药物严重威胁着人类健康, 并影响鱼类食品进出口贸易, 高效液相色谱法(High performance liquid chromatography, HPLC)能够快速、灵敏、可靠地予以检测。本文介绍HPLC法检测药物残留过程中的样品处理方法, 并对其在6种常见渔药(四环素类、氯霉素类、大环内酯类, 磺胺类、喹诺酮类和硝基咪唑类)检测中的应用进行综述。

关键词: 高效液相色谱, 样品处理, 渔药

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The research progress of sample preparations and high performance liquid chromatography determination of fishery drug residues

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Abstract: The illegal fishery medicine residues in fish threaten people's health and impede relevant import and export trades seriously, and it can be detected by High performance liquid chromatography (HPLC) rapidly, sensitively and accurately. The sample preparation methods were introduced and the analyses of six kinds of fishery medicine residues (tetracyclines, chloramphenicols, macrolides, sulfonamides, quinolones, and nitromidazoles) were reviewed in this article.

Key words: HPLC, Sample preparation, Fishery medicine residues

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