

Analysis - HPLC - Interchim technology

HPLC Method Optimization - OSIRIS™

OSIRIS™ - Software for HPLC method development & optimization

OSIRIS™ software is designed for the development and optimization of the analysis conditions in liquid chromatography and can generate a robust method from just a few preliminary analysis. OSIRIS™ allows, within isocratic or gradient elution mode, to optimize the conditions of elution (mobile phase content, temperature, pH). The latest version 4.0 of the software provides a new easy to use interface and a step by step guide through the optimization process.

OSIRIS™ provides efficient, accurate optimization through management of the analytical variables i.e.

- Mobile phase composition (isocratic, binary, ternary or quaternary, linear and multi-linear gradients), pH and /or temperature
- Multidimensional optimization ; isocratic composition (binary or ternary) / temperature - binary isocratic composition /pH - gradient /temperature - gradient /pH

Optimize

OSIRIS™ takes account of your main criteria and enhances method and subsequent performance.

Establish your own requirement criteria in terms of separation quality (resolution), analysis time, and/or analysis condition robustness and identify the sensitivity of method to small variations in working parameters. OSIRIS™ also allows you to focus on the separation of specific compounds within a mixture.

Validate

OSIRIS™ is an excellent tool for validation and transfer of HPLC method taking account of the analytical variables. Physical properties of columns can also be studied with this software. The OSIRIS™ simulation table provides a means to compare chromatograms in different conditions of analysis.

Description	P/N
OSIRIS™ , HPLC optimization software	CC9260

