



#5010

High-Performance Liquid Chromatograph (HPLC) (Waters Alliance, e2695)

DESCRIPTION

High-performance liquid chromatography (HPLC) system for separation, identification, and quantification of compounds in liquid samples. Operates with UV/Vis photodiode array, fluorescence, and refractive index detection, covering a wide range of analytical applications.

MAIN FEATURES

- Quaternary solvent system; isocratic and gradient modes (11 profiles)
- Detectors: PDA Waters 2998, Fluorescence 2475, RI Waters 2414
- Autosampler up to 120 vials; injection volume: 0.1–100 μ L
- Temperature-controlled compartment; programmable active needle wash
- Compatible with reversed-phase, normal-phase, GPC, SEC, and IEX

MAIN APPLICATIONS

- Analysis in food, environmental, and pharmaceutical matrices
- PAHs, sugars, tocots, amino acids, organic acids, biophenols
- Flavonoids, carotenoids, HMF, antibiotics, antiparasitics, triglycerides

ASSOCIATED CAPABILITY AND SERVICES

2003 - 3001 - 3002

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