

K2025 High Performance Liquid Chromatography HPLC

Applications:

1. Pharmaceutical Industry: Analysis of ginsenosides of Rg1, Re, Rb1; Analysis of specific spectrum of *Lonicera japonica* dispensing granules
2. Environmental Industry: Analysis of 16 polycyclic aromatic hydrocarbons in water; Analysis of aldehyde and ketone compounds in waste gas from stationary pollution sources
3. Veterinary Drugs: Analysis of the veterinary drug Enrofloxacin
4. Dairy Products: Dairy immunoglobulin IgG analysis

Features:

1. Reliability: With the reliable design and high-quality components, K2025 passes the reliability test performed by authority, ensuring the long-term running in optimum condition.
2. Precision: The precision and accuracy of the results are guaranteed with our unique pumping and sampling technology, high sensitivity detector, and powerful data processing software.
3. Ease of use: The operation is more convenient and efficient with a variety of user-friendly designs
4. Compliance: Wookinglab fully complies with FDA 21 CFR Part 11 with database mode and data traceability
5. Food: Analysis of sialic acid in bird's nest and its products
6. Cosmetics: Analysis of p-phenylenediamine, 2,5-diaminotoluene, and resorcinol in hair dyes

Specifications:

Order Number: K2025 P1/P2/P4 Pump

1. Flow rate range: 0.001mL/min ~ 10.000mL/min
2. Pump type Isocratic(P1), Binary(P2), Quaternary(P4)
3. Maximum pressure: 62MPa
4. Plunger rinsing Supported

Order Number: K2025AS Autosampler

1. Sample capacity: 108.2mL (96&384 well plates)
2. Injection range: 0 ~ 100μL
3. Injection mode: Low-loss, microliter carrying, full-loop
4. Injection time: Minimum to 5s
5. Carryover: 0.003%
6. Degassing unit: Online degassing (optional)
7. Temperature control: 4 ~ 40°C (optional)

Order Number: K2025CO Column Oven

1. Operating principle: Peltier element and fan-based forced air
2. Temperature range: 5°C above ambient to 85°C; 10°C below ambient to 85°C

Order Number: K2025UVD UV-Vis Detector

1. Light source: Deuterium (transmission type) and Tungsten lamp
2. Wavelength range: 190 ~ 800nm
3. Wavelength accuracy: $\pm 1\text{nm}$
4. Wavelength precision: $\pm 0.1\text{nm}$
5. Linearity: $>2.5\text{AU}$
6. Wavelength calibration: Mercury lamp

Order Number: K2025DAD Diode Array Detector

1. Light source: Deuterium (transmission type) & Tungsten lamp
2. Wavelength range: 190 ~ 800nm
3. Slit width: 1nm, 2nm, 4nm, 8nm
4. Wavelength accuracy: $\pm 1\text{nm}$
5. Wavelength precision: $\pm 0.1\text{nm}$
6. Linearity: $>20\text{AU}$
7. Wavelength calibration: Holmium glass