



High Performance Liquid Chromatography

Description	Image
<u>[HPLC] SHISEIDO NANOSPAC (Pump, Detector, interface, software):</u> HPLC Shiseido Nanospace Pump: - Tandem-style double-plunger reciprocating pump - Flow range: 0.001~9.999ml/min - Increment/step: 0.001ml - Flow precision $\leq 0.1\%$RSD - Max work pressure: 6000MPa Voltage: 110V - Pressure fluctuation: under pressure range, when 1mL/min, < 10mV - Compressible compensation: According to mobile phase auto adjustment or user choice - Material: SS for non-corrosive pump head <u>[HPLC] SHISEIDO NANOSPAC UV/Vis detector:</u> - Wavelength range: 190~800nm - Wavelength precision: ± 1nm - Wavelength repeatability: 0.1nm Voltage: 110V - Dynamic baseline noise: $\leq 1 \times 10^{-5}$ AU (wavelength 254nm, flow velocity 1ml/min, pure methanol) - Dynamic baseline drift: $\leq 2 \times 10^{-4}$ AU (wavelength 254nm, flow velocity 1ml/min, pure methanol) - Detection limit: $\leq 4 \times 10^{-9}$ g/ml (wavelength 254nm, flow velocity 1ml/min, pure methanol, sample: naphthalene) - Spectrum bandwidth: 8nm - Flow cell volume: 8μl - Optical distance: 10mm Novachrom Software - Simple, Acquisition base. - Supports Windows XP. <u>Make: SHISEIDO, Japan</u>	
<u>Column</u> Column: C18 HPLC column: 1.8 μm Dim: 2.1 x 150mm Make: Welch	