HPLC SYSTEM & ACCESSORIES

Sr#	Description	Qty. Required
1	**Gillon Preparative HPLC system OR Equivalent** **<u>Specification</u>** Hydraulic system: Dual pistons in series pump Multiple pump control for up to 4 gradient pumps in a single system rate: 0.15 to 15 min/, in 0.001 ml/min increments Maximum operating pressure: 800 bar for 20 mm diameter column High pressure dynamic mixer for optimized gradient performance Online integrated vacuum degassing unit with 4 channel Operating pH-range: 1.0 - 12.5, solvents Solvent selection valve: Internal 4-solvent selection valve included **<u>Injection sampler:</u>** Manually sample-injection with Loop size 0,5-1,5 mL with optional kit Flow through needle design sampler Different loop sizes for optimized injection range we range in sampler Injection: up to 130 MPa (1300 bar) **<u>Variable Wavelength Detector:</u>** Detection type: Double-beam photometer : source: Deuterium lamp Number of signals: Single and dual wavelength detection Maximum data rate: 240 Hz (single wavelength detection) 2.5 Hz (dual wavelength detection) Noise: <± 0.15-10'5 AU, at 230 nm (single wavelength detection), < ± 0.80-IQ'5 AD, at 230 nm and un (dual wavelength detection) Linearity: >2.5 AU upper limit Wavelength range: 190-600 nm Flow cells: Preparative: 0.3 mm cell path length and 50 bar (725 psi) pressure maximum Wavelength accuracy ±1 nm, self-calibration with deuterium lines, og Analog output: Recorder/Integrator 100 mV or 1 V, 1 output **Computer with window 10 and LCD, software Installed** **<u>Other Provision:</u>** Full integrated with complete system monitoring All replaceable components are accessible through the front panel Each system component is completely stackable into a modest height Line voltage: 100-240 V~,± 10 % Automatically control of pumps and entire preparative HPLC system via software :powerful data analysis, reliable peak integration and identification	01
2	**Accessories**	QTY
	UV Lamp for HPLC unit	01
	Sample injection with Loop size 1.5 mL	02
	Toolkit	01
	Reversed-phase C18, 3.5 µm (4.6 mm x 100 mm) column	02
	Reversed-phase C18, 10 µm (10 mm x 250 mm) column	02