

HPLC with PDA detectors_ Specifications

1. Must be a modularised system on which desired detectors can be added later.
2. Must come with a Photo Diode Array detector (PDA).
3. Must have a large-capacity column oven supports up to 90°C.
4. Must have a Quaternary Solvent Delivery Unit.
5. Must have a flow rate setting range of 0.0001 to 10 mL/min.
6. Must have flow rate accuracy of - $\pm 1\%$ or - ± 2 L/min, below whichever is greater (0.01 to 2 mL/min, specified condition) - $\pm 2\%$ (2 to 5 mL/min, Specified condition).
7. Must have a flow rate precision of < 0.06 %RSD or < 0.02 min SD, below whichever is greater.
8. The pump must have a configuration of four-solvent low-pressure gradient.
9. Must have a gradient / range of set concentrations of 0 to 100%, in 0.1% steps.
10. Gradient / concentration accuracy of $\pm 0.5\%$ (0.1 to 2 mL/min, 1 to 20 MPa, Specified condition).
11. Must have temperature control range of room temperature – 12 to 90°C, Setting range 4 to 90°C.
12. Must have an autosampler.
13. Must come with a software and a workstation.
14. The supplier must provide at least 2 reference letters from its clients.
15. The supplier must have a good after sales service record.
16. Only local suppliers or their approved agents can bid.
17. Only manufacturers and suppliers or their approved agents can bid.