

S.No.	Components	Original Specifications	Modified Specification recommended by Indenter/ Technical committee
1	Solvent Delivery Unit (Binary)	Flow rate setting range ≤ 0.001 to ≥ 5 ml/min	Flow rate setting range ≤ 0.01 to ≥ 20 ml/min
	Solvent Delivery Unit (Binary)	Gradient/ Concentration/ Composition- Precision: $\leq 0.2\%$ RSD	Gradient/ Concentration/ Composition- Precision: $\leq 1\%$ RSD
2	Injector (ii) Auto Sampler	Sample Carryover: $\leq 0.005\%$	Sample Carryover: $\leq 0.05\%$
3	Column Oven	Temperature Control Range: ≤ 5 °C to ≥ 80 °C	Temperature Control Range: ≤ 20 °C to ≥ 60 °C
	Column Oven	Temperature precision $\leq \pm 0.1$ °C	Temperature precision: $\leq \pm 0.25$ °C
	Column Oven	Block heating and electronic cooling or Peltier-element based	Block heating and electronic cooling or Peltier-element or forced air based
	Column Oven	Safety features - Leak sensor, temperature fuse, temperature upper limit	Safety features - Leak sensor or equivalent mechanism to ensure leak proof safe operation of the system, temperature fuse, temperature upper limit
4	Detector (i) Photodiode array Detector (PDA)	No. of Diode elements: 1024	No. of Diode elements: 512 or 1024 and Resolution: 1.2nm
	Detector (i) Photodiode array Detector (PDA)	Light Source: Deuterium (D2) Lamp and Tungsten lamp	Deuterium (D2) Lamp and/or Tungsten lamp
	Detector (i) Photodiode array Detector (PDA)	Bandwidth, slit width-1 nm or 1.2 nm (high-resolution mode) and 8 nm (high-sensitivity mode)	Bandwidth, slit width-1 nm or 1.2 nm (high-resolution mode) and 8 ± 1 nm (high-sensitivity mode)
	Detector (i) Photodiode array Detector (PDA)	Cell: Optical wavelength: 10 mm, Capacity: $12 \mu\text{L} \pm 1 \mu\text{L}$	Cell: Optical wavelength: 10 mm, Capacity: $\geq 8 \mu\text{L}$ to $\leq 13 \mu\text{L}$
	Detector (i) Photodiode array Detector (PDA)	Detector should have a temperature Control Flow Unit	Removed
5	Detector (ii) Refractive Index Detector (RID)	Cell Volume: $8 \mu\text{L} \pm 1 \mu\text{L}$	Cell Volume: $8 \mu\text{L} \pm 2 \mu\text{L}$
	Detector (ii) Refractive Index Detector (RID)	Maximum operating pressure: ≥ 0.4 MPa	Removed