

Liquid chromatography (HPLC) Az

High Performance Spectral Flow Cytometer Analyser, Pre-bid meeting clarification- held on 18.08.2023 at 3.00 PM

S. No.		Tender Specifications	Point Raised by Shimadzu Corporation	Approval/Justification
1	HPLC Pump Module	D well volume: <1.2ml or better	Kindly Remove this point as this point is not mentioned in our Specification sheet	Specification Removed
2		Gradient Profiles: 11 gradient curves for method development.	Kindly Remove this point as this point is not mentioned in our Specification sheet	Specification Removed
3		Maximum Operating Pressure: 5000 psi or more	Maximum Operating Pressure: <b>15000 psi</b> or more	No Change recommended
4	Autosampler	Sample Capacity: 1ml/1.5ml/2ml vial capacity with minimum 3 trays/Carousels.	Sample Capacity- <b>150 Vials</b> - 1ml/1.5ml/2ml vial capacity with minimum 3 trays/Carousels.	Sample Capacity- <b>100 Vials</b> or better 1ml/1.5ml/2ml vial capacity with minimum 3 trays/Carousels
5	PDA Detector	Path Length: 10 mm with Flow Cell Volume: ≤ 9 uL	Path Length: 10 mm with Flow Cell Volume: ≤ <b>12 uL</b> with Cell temperature control range from <b>19 to 50°C, 1°C Step</b>	Path Length: 10 mm with Flow Cell Volume: ≤ 12 uL or better
6		Noise ≤ 4.5 × 10 <sup>-6</sup> AU	Added New point	No Change recommended
7	Software	Oracle data base for better organization and easy retrieval of system user data	<b>Oracle/SQL</b> data base for better organization and easy retrieval of system user data	No Change recommended
8	ELSD Detector	Drift Tube: Ambient +5.0 to 100 degree centigrade.	Drift Tube: Ambient +5.0 to <b>80 degree</b> centigrade.	Drift Tube: Ambient +5.0 to 80 degree centigrade or better.
9		Measuring Range: 0.1 to 2000 LSU	Kindly Remove this point as this point is not mentioned in our Specification sheet	No Change recommended
10		Nebulizers: High flow rate: 300 to 3000 uL/min	Nebulizers: High flow rate: up to <b>3000 uL/min</b>	No Change recommended
11	RI Detector	Flow Cell: Fused Quartz, Volume: 10ul or better	Flow Cell: Quartz, Volume: 10ul or better	Flow Cell: Quartz, Volume: 10ul or better
12		Noise: +1.5 x 10 <sup>-9</sup> RIU mode or better	Noise: <b>+2.5 x 10<sup>-9</sup> RIU</b> mode or better	Noise: +2.5 x 10 <sup>-9</sup> RIU mode or better
13		Light Source: LED Lamp	Light Source: <b>LED /Tungsten W Lamp</b>	No Change recommended
		<b>Tender Specifications</b>	<b>Point Raised by Waters Ltd.</b>	<b>Approval/Justification</b>
14		Payment terms after installation.	Payment terms changed to LC.	Payment terms changed to LC.

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