

Check with Foss Service Scan (FSS)

For procedure, see Service Manual

OK	Action
☒	Make sure the SHU can rotate the instrument glass smoothly.
☒	Make sure the reference plate moves smoothly and can reach both end positions correctly.
☒	Test all customers sample cups and make sure all RFID chips can be read properly.
☒	Make sure the optical cup sensor works as it should.
☒	Make sure the lid sensor works as it should, exercise the solenoid
☒	Measure the internal PCB temperature of the instrument. Temperature:.....C° Comment:.....

Check with Instrument Diagnostic Report

For procedure, see Service Manual

OK	Action
☒	No. of samples analysed: <u>4828</u>
☒	Check the Diagnostic report for PbS noise. Random limit = 200. Drift limit = 1. Noise Random: <u>43,136</u> Noise Drift: <u>0,1089</u> Comment: <u>OK</u>
☒	Check the Diagnostic report for Si noise. Random limit = 200. Drift limit = 1. Noise Random: <u>96,9763</u> Noise Drift: <u>0,0609</u> Comment: <u>OK</u>
☒	Check the Diagnostic report for Wavelength accuracy. WL delta limit +/- 0.20 nm. WL StdDev limit 0.02 Max Delta: <u>-0,152</u> Max StdDev: <u>0,009</u>
☒	Check the Diagnostic report for Bandwidth accuracy. BW delta limit +/- 0.50 nm. BW StdDev limit 0.10 Max Delta: <u>0,0076</u> Max StdDev: <u>0,0018</u>
☒	Check the Diagnostic report with regards to Reference plate motor speed. Limit low = ± 31 RPM. Limit High = ± 75 RPM. Value clockwise: <u>56,62</u> RPM Value counter clockwise: <u>-56,62</u> RPM Comment: <u>OK</u>
☒	Check the Diagnostic report with regards to Cup motor speed. Limit low = ± 31 RPM. Limit High = ± 75 RPM. Value clockwise: <u>56,79</u> RPM Value counter clockwise: <u>-56,77</u> RPM Comment: <u>OK</u>