## **ALEXYS Operator Checklist**

Antec								
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Mobile phase and waste								
Enough mobile phase in the bottles								
Mobile phase not expired								
No microbial growth visible in the mobile phase bottle								
Waste bottle emptied								
Mobile phase replaced (at least every 3 days)								
In-line Whatman filter								
No air in the Whatman filter inlet								
No dots/stains/discoloration visible on membrane?								
Filter replaced (once/6 months)								
Pump								
Degasser lights green								
No air pockets in the inlet lines								
No wetness/salt build-up at the connectors of the degasser								
No wetness/salt build-up at the connectors of the pump head								
Piston wash level did not change								
Piston wash solution replaced (once/week)								
Piston seals replaced (once/year)								
Auto sampler								
Performed Initial wash								
No air on top of syringe or stuck in the buffer tubing								
Enough needle wash solution								
Check/empty the autosampler waste bottle								
No wetness/salts at valve connectors								
Needle wash solution replaced (at least once/week)								
Syringe tip replaced (once/year)								
Flowcell								
Crystals/no air visible (in an sb ref)								
Maintenance of reference - ISAAC or sb (at least once/3 months)								
Before starting a complete sequence								
Calibration file name cloned in method to match today's date								
Correct method 'Sent to instrument' and system is stabilizing								
Waste line lowered all the way into the Waste bottle								
Perfromed a system suitablity test run and results are OK							$\square$	
Any modifications to the integration table updated to the method						<u> </u>		
Check marks applied to all sequence lines							$\square$	
Bypass' mode set for lines used for stabilization or standby time							$\square$	
System values								
Detector Ecell setting (mV)								
Detector I-cell reading								
Detector oven temperature (°C)						<u> </u>	$\sqcup$	
Set vs. actual sample tray temperature (°C)								
Flow rate (µL/min)						<u> </u>	$\sqcup$	
Pressure reading (bar)								
System suitablity test run peak height								
System suitablity test run plate count/m								
System suitablity test run peak asymmetry								
Baseline noise level estimation (visual peak-to-peak)								
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Operator initials								
ω								
Remarks								
36								
8								
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