

Performance Check

7/12/2025 2:46:23 PM



Model iCAP MTX
Serial Number iCAPMTX00008

Domain WIN-M61Q4MOS1PQ
Computer WIN-M61Q4MOS1PQ
User Thermo
Started at 7/12/2025 2:45:05 PM
Finished at 7/12/2025 2:46:15 PM

Performance Check Name S-Off-None-SQ
for Measurement Mode S-Off-None-SQ
Description Performance Check for S-Off-None-SQ Mode Set.
Solution iCAP MX Series Tune Solution

Performance Check Result Passed

Detailed Test Results

Performance Check Step	Result
Sensitivity Test	Passed
Mass Calibration Accuracy Test	Passed
Vacuum Test	Passed

Sensitivity Test: Background Verification

Analyte	Condition	Measured Value	Result
Bkg4.5	Less than 3.00 cps	0.00 cps	Passed
Bkg9	Less than 3.00 cps	0.15 cps	Passed

Sensitivity Test: Analyte Sensitivity

Analyte	Condition	Measured Value	Result
7Li	Greater than 30,000 cps	66,834 cps	Passed
59Co	Greater than 90,000 cps	184,584 cps	Passed
115In	Greater than 200,000 cps	410,620 cps	Passed
238U	Greater than 170,000 cps	670,761 cps	Passed

Sensitivity Test: Analyte Ratios

Analyte	Condition	Measured Value	Result
137Ba++ / 137Ba	Less than 4.00%	2.79%	Passed
140Ce.16O / 140Ce	Less than 3.00%	1.88%	Passed