

QSM 6.0 Supplemental Information, Version 2

March 11, 2024



QSM 6.0 Requirement	Supplemental Information: 02/08/2024
Table B-24 Matrix Duplicate QC Check	The matrix duplicate requirement identified in Table B-24 of QSM 6.0 may be omitted for matrices other than AFFF.
QSM 6.0 Requirement	Supplemental Information: 03/11/2024
Module 1 Clause 4.1.1	The laboratory shall perform proficiency testing (PT) for individual isomers if the isomers are listed individually on the laboratory's Certificate of Accreditation. For example, if the laboratory lists m and p-xylene and o-xylene separately on the Certificate, the analytes shall be reported separately during PT, but if the laboratory only lists total xylene on the Certificate, only total xylenes shall be reported.
Module 2 Clause 6.2.10	"Radioactive samples" are samples sent by a customer for radiological testing.
Module 6 Clause 7.1.5.c.ii.c	Background subtraction measurements for gas-proportional and semiconductor alpha/beta detectors shall be performed monthly. Changed from quarterly.
Module 6 Clause 7.3.3.a.x.b	The Duplicate Error Ratio (DER) between the sample and the Matrix Duplicate is ≤ 3 . Changed from < 3 .
Module 6 Clause 7.3.3.a.x.c	The relative percent difference (RPD) is less than or $\leq 25\%$. Changed from $< 25\%$.
Module 6 Clause 8.5.1.c.ii	Each Cell/Detector pair efficiency shall be verified at least annually. The continuing efficiency for each Cell/Detector pair shall be within 25% of the initially determined efficiency. Changed from $+ 25\%$.
Module 6 Clause 8.5.3.a.v	The acceptance criteria for the method blank shall be $ Z_{Blank} \leq 3$ or within laboratory-developed criteria of ± 3 standard deviations of the mean. Changed from $ Z_{Blank} < 3$ and $+ 3$ standard deviations.

CLEARED
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QSM 6.0 Requirement	Supplemental Information: 03/11/2024
Module 6 Clause 8.5.3.b.iii	The LCS shall meet customer specified requirements, acceptance criteria of $ ZLCS \leq 3$, or laboratory-developed acceptance criteria of ± 3 standard deviations of the mean that are within 25% of the known LCS value. Changed from $ ZLCS < 3$ and $+ 3$ standard deviations.