

UNITED STATES DEPARTMENT OF DEFENSE

Data Validation
Guidelines Module 1, 2,
and 4 Revised Blank
Qualification Table

Environmental Data Quality Workgroup

05/05/2021



Data Validation Guidelines

Module 1, 2, and 4

Revised Blank

Qualification Table

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This table replaces following tables in the DoD Data Validation Guidelines Modules:

Module 1, Table III

Module 2, Table I

Module 4, Table III

Table III: Blank Qualifications

	Blank	Sample		
Row Number	Result	Result	Validated Result	Validation Qualifier
1	≤ DL or LOD	≤ DL or LOD	Report as required by QAPP (at DL or LOD)	U
2	> DL or LOD	≤ DL or LOD	Report at DL or LOD	U
3	> DL or LOD	> DL or LOD but ≤ LOQ	Report at LOQ	U
4	> DL or LOD	> LOQ but ≤ 5x blank	Report at Sample Result	U or J+*
5	> DL or LOD	> LOQ and > 5x blank	Report at Sample Result	None

LOD = Limit of Detection **LOQ** = Limit of Quantitation **DL** = Detection Limit

Note: The laboratory blank contamination (typically, **B**) qualifier is maintained, and the validation qualifier is added in addition to the laboratory qualifier. The QAPP should specify reporting at either the DL, LOD or both.

*The determination of the appropriate qualifier is based on professional judgment using the relative concentration of the sample and the blank along with project-specific considerations such as the project action level, presence of sensitive receptors, or historical trends, if available.