

Appendix B

Analytical Data Acceptance Criteria for Lead-Based Paint Hazard Clearance Activities

Table B-1

DATA ATTRIBUTE Frequency	ACCEPTANCE LIMITS			
	SINGLE WIPE	COMPOSITE WIPE	PAINT CHIP	SOIL
INDEPENDANT CALIBRATION VERIFICATION (ICV) Once per Day	Within ± 10% of Known Value	Within ± 10% of Known Value	Within ± 10% of Known Value	Within 10% of Known Value
INITIAL CALIBRATION BLANK (ICB) At the Beginning of Run	Absolute Value Not More Than 10% of the Regulatory Limit or Minimum Level of Concern	Absolute Value Not More Than 10% of the Regulatory Limit or Minimum Level of Concern	Absolute Value Not More Than 10% of the Regulatory Limit or Minimum Level of Concern	Absolute Value Not More Than 10% of the Regulatory Limit or Minimum Level of Concern
CONTINUING CALIBRATION VERIFICATION (CCV) Beginning and End of Run and Every 10 Samples or as specified in the SOP	Within ± 15% of Known Value for ICP or FAAS; Within ± 20% for GFAA	Within ± 15% of Known Value for ICP or FAAS; Within ± 20% for GFAA	Within ± 15% of Known Value for ICP or FAAS; Within ± 20% for GFAA	Within ± 15% of Known Value for ICP or FAAS; Within ± 20% for GFAA
INTERFERENCE CHECK SAMPLE (ICS) Beginning and End of Run or Twice Every Eight Hours	Within 20% of Known Value			
CONTINUING CALIBRATION BLANK (CCB) After each ICS and CCV	Absolute Value not More Than 10% of Regulatory Limit of Level of Concern	Absolute Value not More Than 10% of Regulatory Limit of Level of Concern	Absolute Value not More Than 10% of Regulatory Limit of Level of Concern	Absolute Value not More Than 10% of Regulatory Limit of Level of Concern
LABORATORY CONTROL SAMPLE (LCS) One per 20 Samples or Batch-Minimum Frequency 5%	Within ± 20% of Known Value			
MATRIX SPIKE SAMPLE (MSS) One per 20 Samples or Batch-Minimum Frequency 5%	Within 25% of Calculated Value			
DUPLICATE FIELD SAMPLE (DFS) One per 20 Samples or Batch-Minimum Frequency 5%	Within ±25% Relative Percent Difference (RPD)			

DATA ATTRIBUTE Frequency	ACCEPTANCE LIMITS			
	SINGLE WIPE	COMPOSITE WIPE	PAINT CHIP	SOIL
MATRIX BLANK (MB) One per 20 Samples or Batch-Minimum Frequency 5%	Absolute Value Not More Than 10% of Regulatory Limit of Level of Concern	Absolute Value Not More Than 10% of Regulatory Limit of Level of Concern	Absolute Value Not More Than 10% of Regulatory Limit of Level of Concern	Absolute Value Not More Than 10% of Regulatory Limit of Level of Concern

Adapted from Table 1, EPA NLLAP Laboratory Quality System Requirements (LQSR) Revision 2.0, August 1, 1996.