

**NEFAP PT for Accreditation
Fields of Proficiency Testing
Lead in Paint FSMO Program
Effective January 3, 2012**

Matrix	NELAC	Analyte	Conc Range	Acceptance Criteria ³				NEFAP PTRL ⁵
	Analyte Code			a	b	c	d	
		Lead in Paint						
Soil	1075	Lead ¹	100 to 1200 mg/kg	± 20%				80
Dust Wipe	1075	Lead ²	20 to 400 µg/wipe	0.9960	0.0115	0.0888	2.4329	10
Paint Films	1075	Lead ⁴	0.5 to 5.0 mg/cm ²	± 20%				0.40
1) The Lead Paint in Soil sample design shall include a lead source from an existing paint and/or a synthetic lead-containing paint with a maximum particle size of less than 150 µm.								
2) The Lead Paint on Dust Wipe sample design shall include a lead source from an existing paint and/or a synthetic lead-containing paint with the dust matrix of less than 150 µm particle size provided on a dust wipe that meets ASTM E1792.								
3) Acceptance limits are set at the Mean ± 3 SD (Mean = a*T + b; SD = c*T + d where T is the assigned value).								
4) The Lead Paint Films sample design shall have a homogeneous paint source of known lead content for the film, and shall use a backing film, (e.g., Mylar) or backing block (e.g., wood or plastic) that does not interfere with the measurement of lead in the paint film.								
5) NEFAP Proficiency Testing Reporting Limits (PTRLs) are provided as guidance to laboratories analyzing NEFAP PT samples. It is recognized that in some cases (especially for analytes that typically exhibit low recovery) the PTRL may be below the standard laboratory reporting limit. However, the laboratory should use a method that is sensitive enough to generate results at the PTRL shown. The PTRLs are not to supercede any regulatory or program specific reporting limits that may be required of the laboratory.								