

**Instructions for:  
WS Massachusetts Perchlorate Samples (cat # PT-MAPERC-WS)**

**STANDARD DESCRIPTION**

- Per Massachusetts DEP specifications for this study, two 100 mL samples have been supplied, labeled "Sample #1" and "Sample #2".
- Each sample is a different, independent sample, and are not duplicates. One standard will contain perchlorate within the range shown on the back of this sheet. The second standard will be a blank.
- The WS Massachusetts Perchlorate standards are unpreserved.
- Store the standards in the unopened bottle at room temperature (~20 - 25°C).

**ADDITIONAL INFORMATION**

- The standards are prepared in a mixed common anion matrix per Massachusetts DEP requirements.

**STANDARD PREPARATION, ANALYSIS and STORAGE**

1. The standards are ready for preparation and analysis per your routine method(s) as received. No dilutions are necessary.
2. Store any remaining standard at room temperature (~ 20 - 25°C).

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## Water Supply Proficiency Testing Concentration Ranges and PTRLs

### Definitions:

#### **PTRL**

NELAC Proficiency Testing Reporting Limits (PTRLs) are provided as guidance to laboratories analyzing NELAC PT samples. At a minimum, the laboratory should use a method that is sensitive enough to generate quantitative results at the PTRLs shown. (REF: NELAC PT FOT Tables)

#### **NA**

Not Applicable (NA) has been applied to analytes where a PTRL is not applicable and to state specific analytes that have not had a PTRL determined by the applicable accrediting agency.

### Perchlorate-Massachusetts Sample 1 (PT-MAPERC-WS(1))

NELAC Code	Analyte	Units	Concentration Range	PTRL
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#### Additional State Specific Analytes

1895	Perchlorate	µg/L	0.800 - 1.50	NA
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### Perchlorate-Massachusetts Sample 2 (PT-MAPERC-WS(2))

NELAC Code	Analyte	Units	Concentration Range	PTRL
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#### Additional State Specific Analytes

1895	Perchlorate	µg/L	0.800 - 1.50	NA
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