

USDA Cold Treatment Temperature Log XML Specification

```
<?xml version="1.0" encoding="UTF-8"?>
<sensorDataDocument type="root">
  <header type="parent" spec="SHALL contain exactly one">
    <containerNum type="child" spec="SHALL contain exactly one"></containerNum>
    <recorderSerial type="child" spec="SHALL contain exactly one"></recorderSerial>
    <controllerSerial type="child" spec="SHALL contain exactly one"></controllerSerial>
    <correctionFactInCelsius type="parent" spec="SHALL contain exactly one">
      <usda1 type="child" spec="SHALL contain exactly one"></usda1>
      <usda2 type="child" spec="SHALL contain exactly one"></usda2>
      <usda3 type="child" spec="SHALL contain exactly one"></usda3>
    </correctionFactInCelsius>
  </header>
  <data type="parent" spec="SHALL contain exactly one">
    <dataLine type="parent" spec="SHOULD contain many">
      <date type="child" spec="SHALL contain exactly one"></date>
      <time type="child" spec="SHALL contain exactly one"></time>
      <setp type="child" spec="SHALL contain exactly one"></setp>
      <sup type="child" spec="SHALL contain exactly one"></sup>
      <ret type="child" spec="SHALL contain exactly one"></ret>
      <usda type="parent" spec="SHALL contain exactly one">
        <s1 type="child" spec="SHALL contain exactly one"></s1>
        <s2 type="child" spec="SHALL contain exactly one"></s2>
        <s3 type="child" spec="SHALL contain exactly one"></s3>
      </usda>
      <flags type="child" spec="MAY contain one"></flags>
    </dataLine>
  </data>
</sensorDataDocument>
```