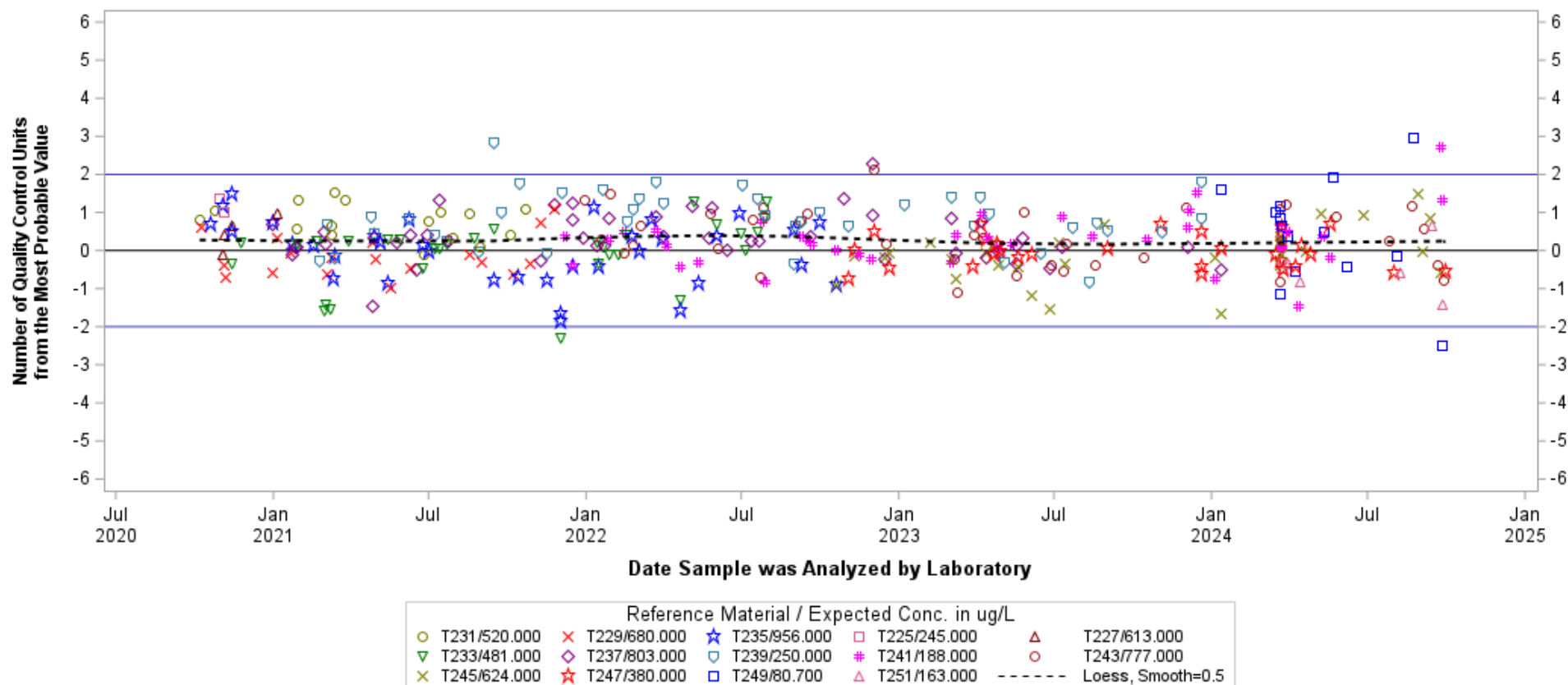


**- Aluminum, fltd, ICP-MS -**  
**Lab: NWQL, PCode: 01106, MCode: PLM10**  
**Analysis Dates: 10/07/20 through 09/30/24**

[Open Data Set](#)

[Click here for Control Limit Explanation](#)

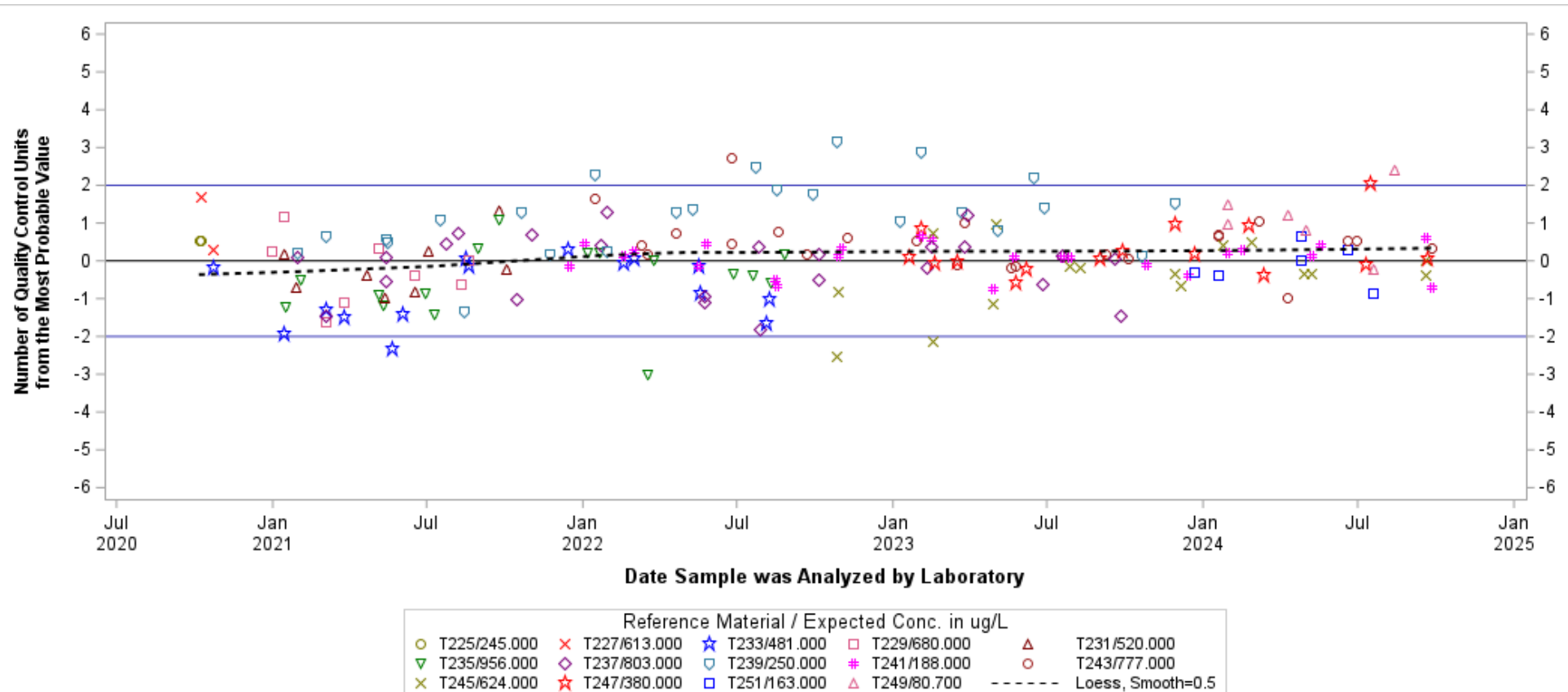


*Hover over any data point for detailed info.*

*Chart generated 04/23/2025*

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**- Aluminum, unfltd, ICP-MS, recov -**  
**Lab: NWQL, PCode: 01105, MCode: PLM77**  
**Analysis Dates: 10/06/20 through 09/25/24**  
[Open Data Set](#)  
[Click here for Control Limit Explanation](#)

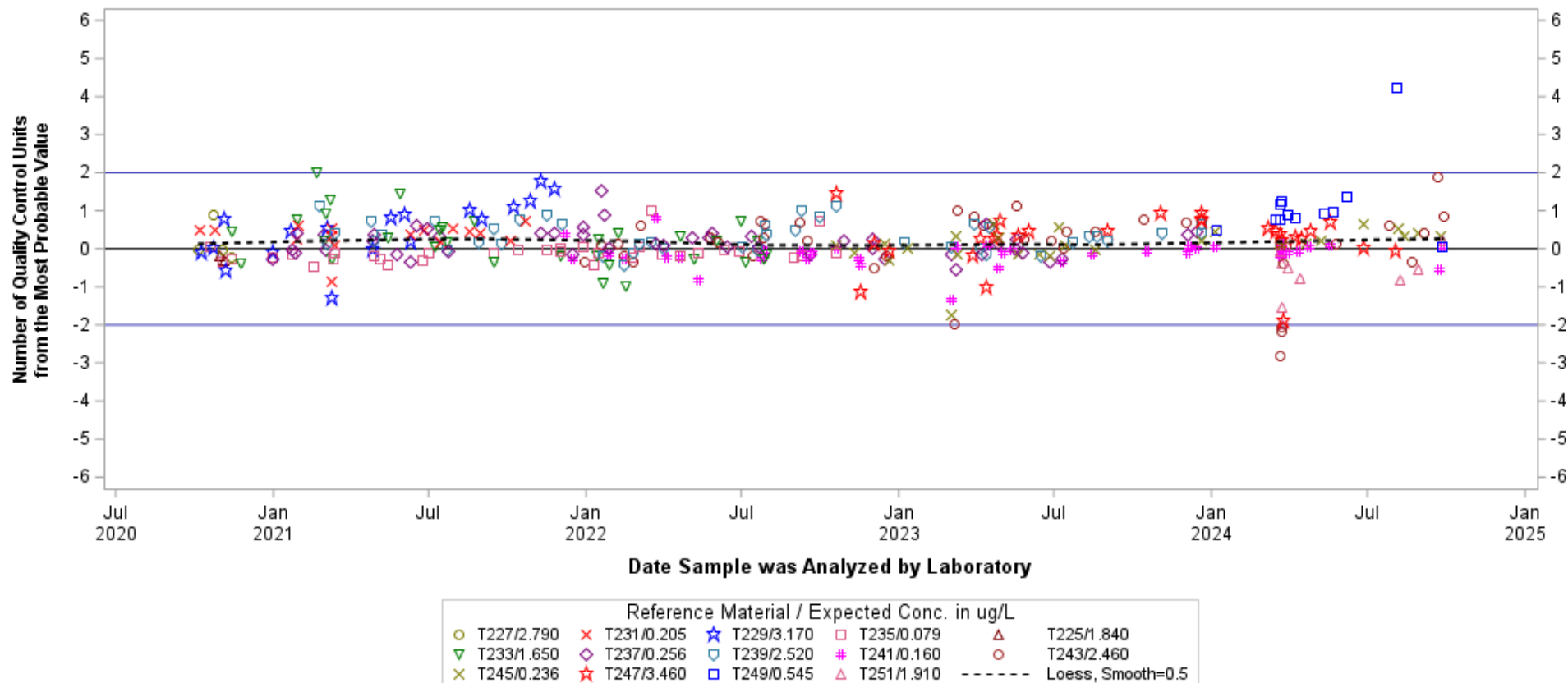


Hover over any data point for detailed info.

Chart generated 04/23/2025

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**- Antimony, fltd, ICP-MS -**  
**Lab: NWQL, PCode: 01095, MCode: PLM43**  
**Analysis Dates: 10/05/20 through 09/28/24**  
[Open Data Set](#)  
[Click here for Control Limit Explanation](#)

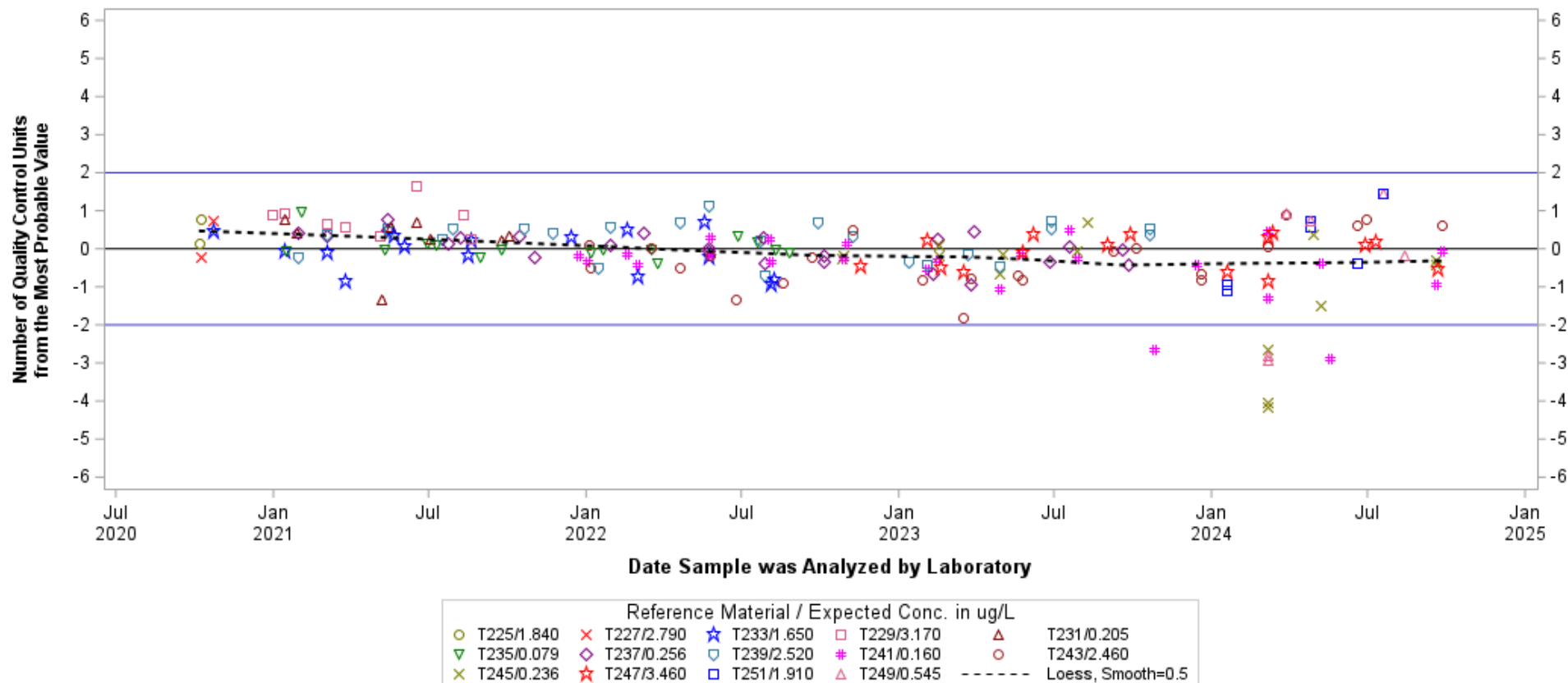


Hover over any data point for detailed info.

Chart generated 04/23/2025

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**- Antimony, unfltd, ICP-MS, recov -**  
**Lab: NWQL, PCode: 01097, MCode: PLM78**  
 Analysis Dates: 10/06/20 through 09/25/24  
[Open Data Set](#)  
[Click here for Control Limit Explanation](#)

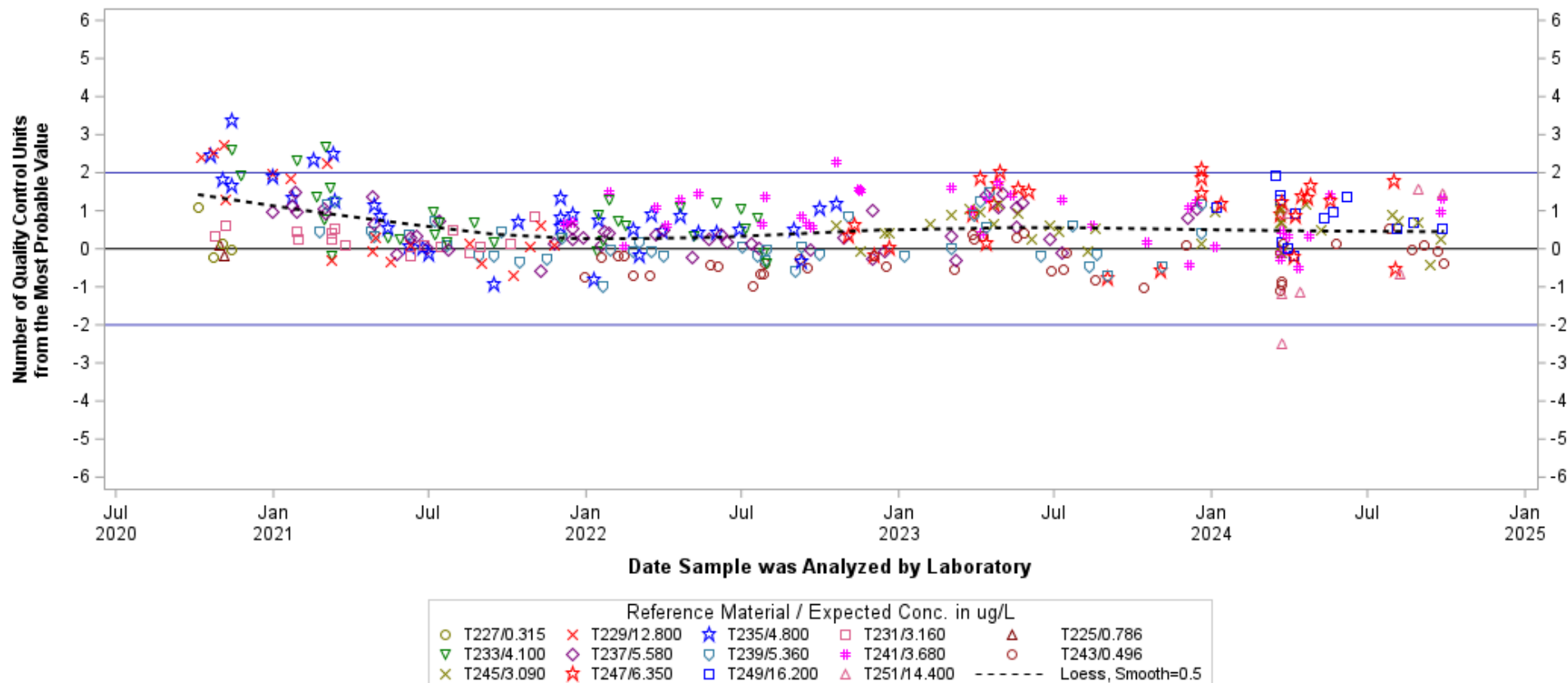


Hover over any data point for detailed info.

Chart generated 04/23/2025

Charts and data secured from this U.S. Geological Survey (USGS) web page (identified as IBSP) have not received official USGS approval and as such are provisional and subject to revision.  
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**- Arsenic, fltd, cICP-MS -**  
**Lab: NWQL, PCode: 01000, MCode: PLM10**  
**Analysis Dates: 10/05/20 through 09/28/24**  
[Open Data Set](#)  
[Click here for Control Limit Explanation](#)

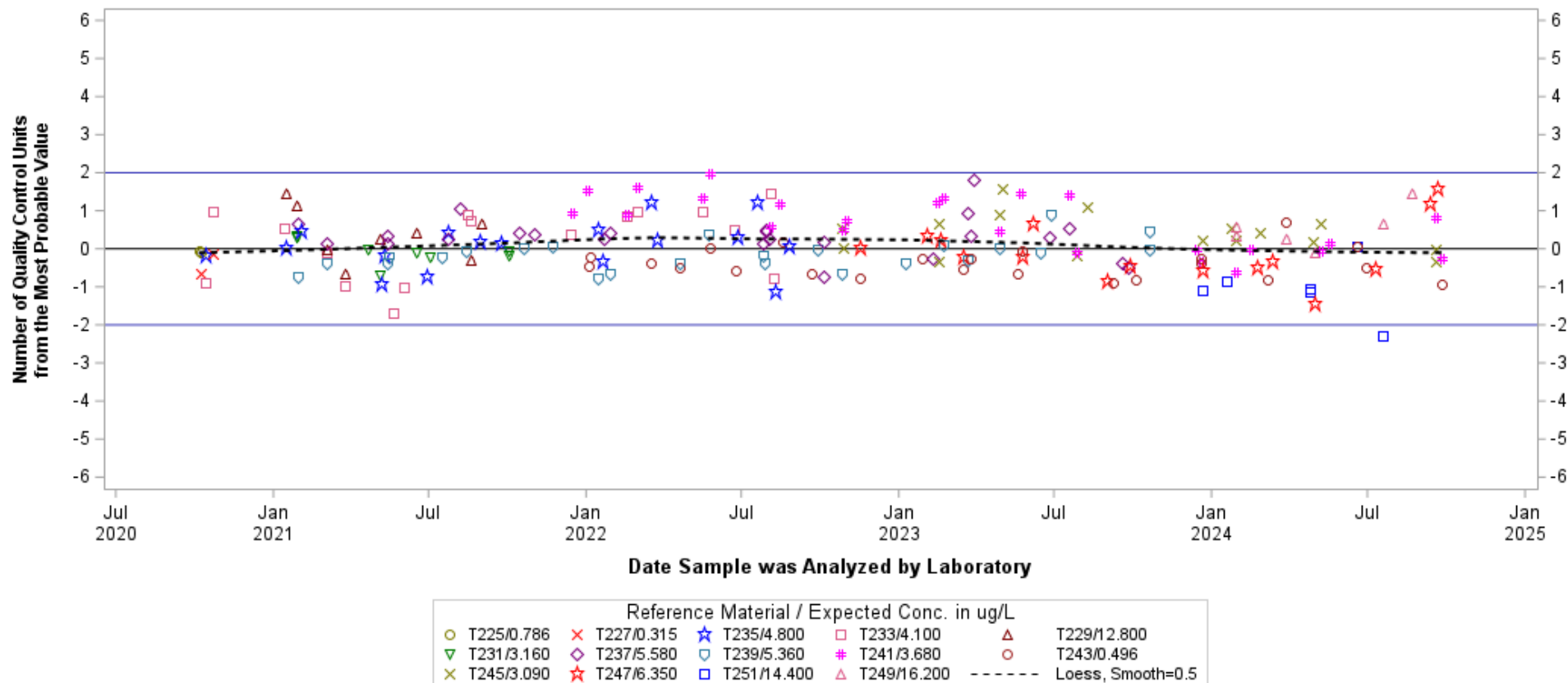


*Hover over any data point for detailed info.*

*Chart generated 04/23/2025*

*Charts and data secured from this U.S. Geological Survey (USGS) web page (identified as IBSP) have not received official USGS approval and as such are provisional and subject to revision.  
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**- Arsenic, unfltd, cICP-MS, recov -**  
**Lab: NWQL, PCode: 01002, MCode: PLM77**  
**Analysis Dates: 10/06/20 through 09/25/24**  
[Open Data Set](#)  
[Click here for Control Limit Explanation](#)

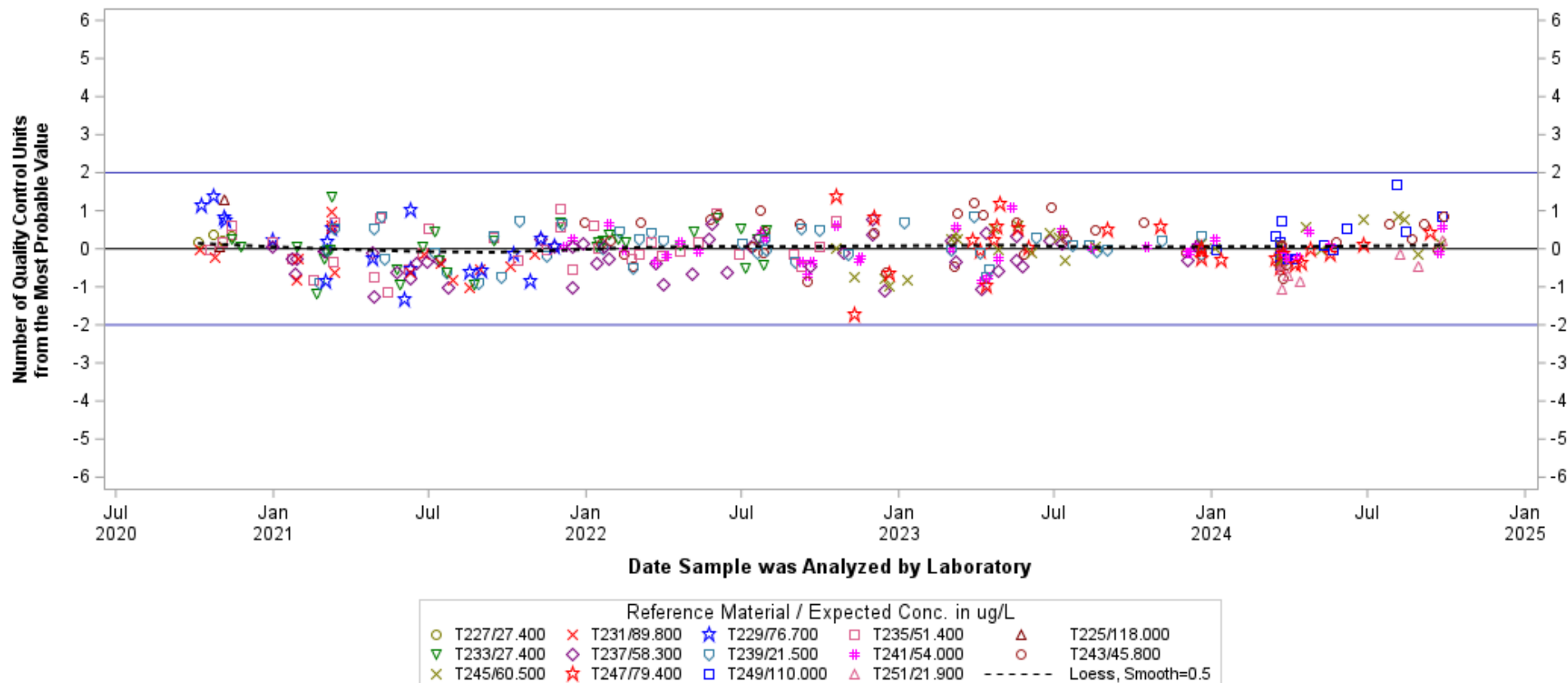


*Hover over any data point for detailed info.*

*Chart generated 04/23/2025*

*Charts and data secured from this U.S. Geological Survey (USGS) web page (identified as IBSP) have not received official USGS approval and as such are provisional and subject to revision.  
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**- Barium, fltd, ICP-MS -**  
**Lab: NWQL, PCode: 01005, MCode: PLM43**  
**Analysis Dates: 10/05/20 through 09/28/24**  
[Open Data Set](#)  
[Click here for Control Limit Explanation](#)

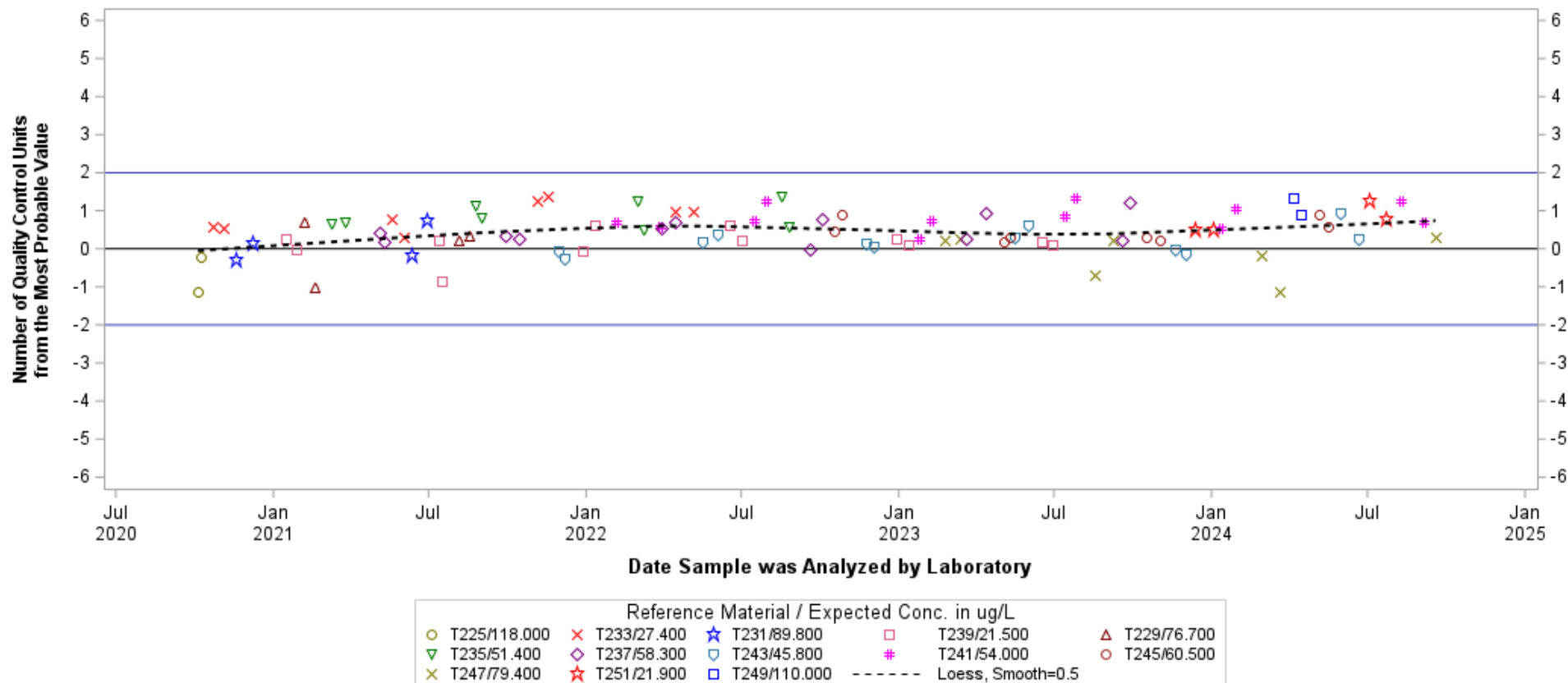


Hover over any data point for detailed info.

Chart generated 04/23/2025

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**- Barium, fltd, ICP-OES -**  
**Lab: NWQL, PCode: 01005, MCode: PLA11**  
**Analysis Dates: 10/05/20 through 09/18/24**  
[Open Data Set](#)  
[Click here for Control Limit Explanation](#)



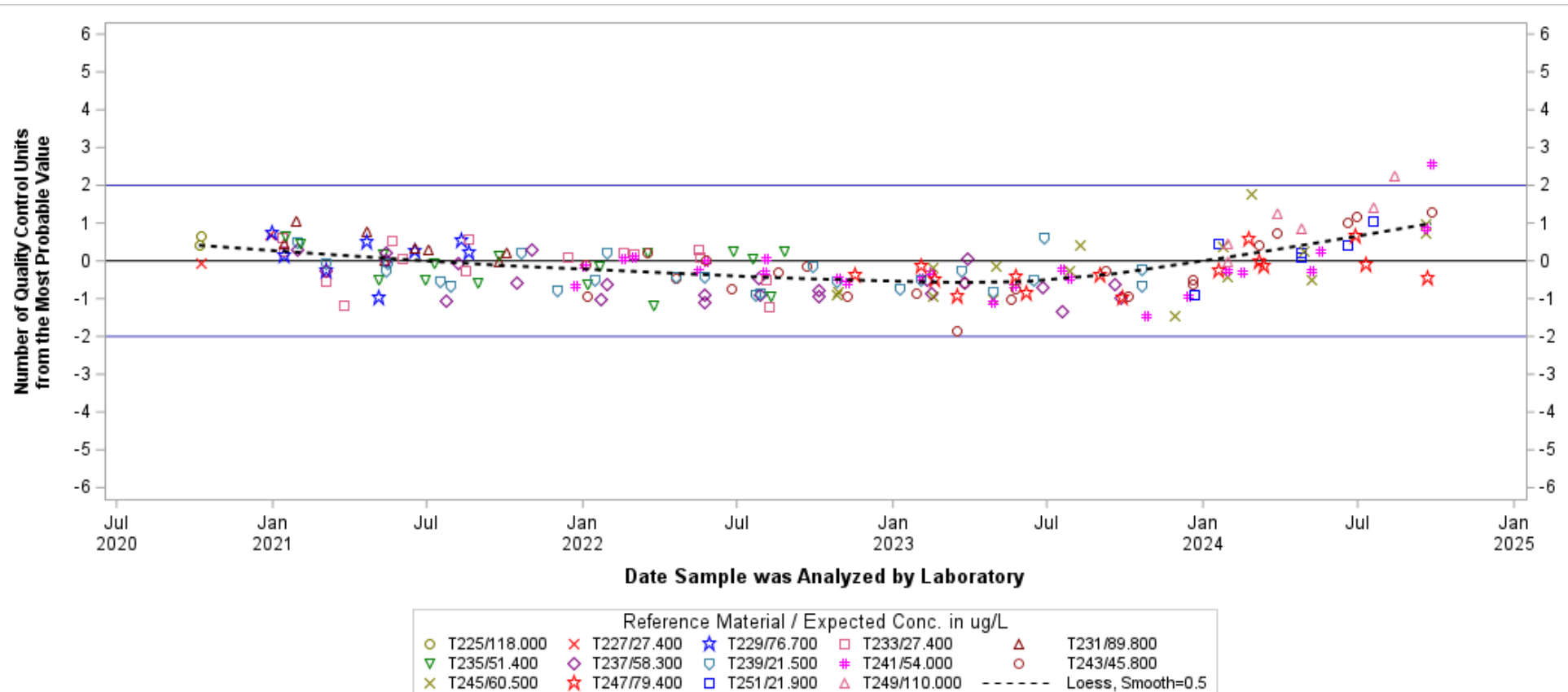
*Hover over any data point for detailed info.*

*Chart generated 04/23/2025*

*Charts and data secured from this U.S. Geological Survey (USGS) web page (identified as IBSP) have not received official USGS approval and as such are provisional and subject to revision.  
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**- Barium, unfltd, ICP-MS, recov -**  
**Lab: NWQL, PCode: 01007, MCode: PLM78**  
**Analysis Dates: 10/06/20 through 09/25/24**  
[Open Data Set](#)  
[Click here for Control Limit Explanation](#)

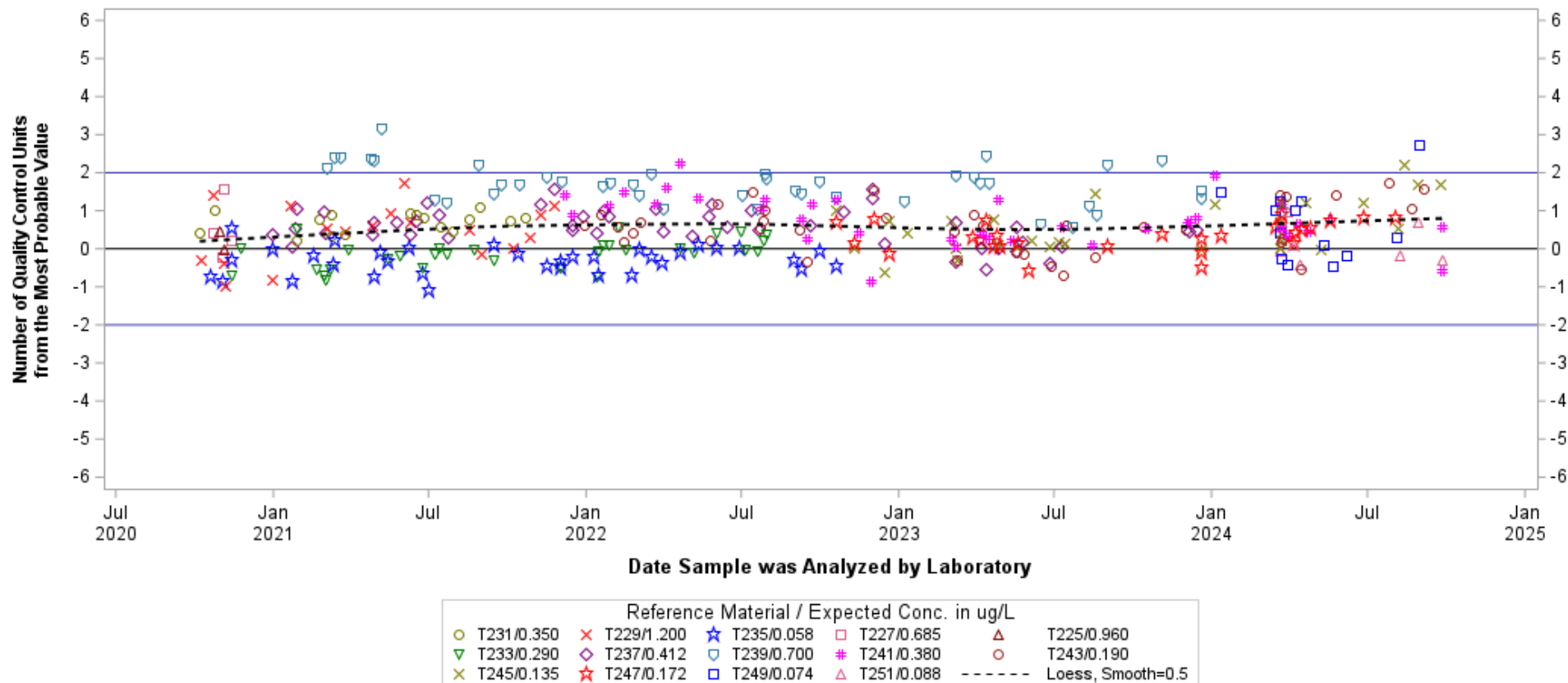


*Hover over any data point for detailed info.*

*Chart generated 04/23/2025*

*Charts and data secured from this U.S. Geological Survey (USGS) web page (identified as IBSP) have not received official USGS approval and as such are provisional and subject to revision.  
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**- Beryllium, fltd, ICP-MS -**  
**Lab: NWQL, PCode: 01010, MCode: PLM43**  
**Analysis Dates: 10/07/20 through 09/26/24**  
[Open Data Set](#)  
[Click here for Control Limit Explanation](#)

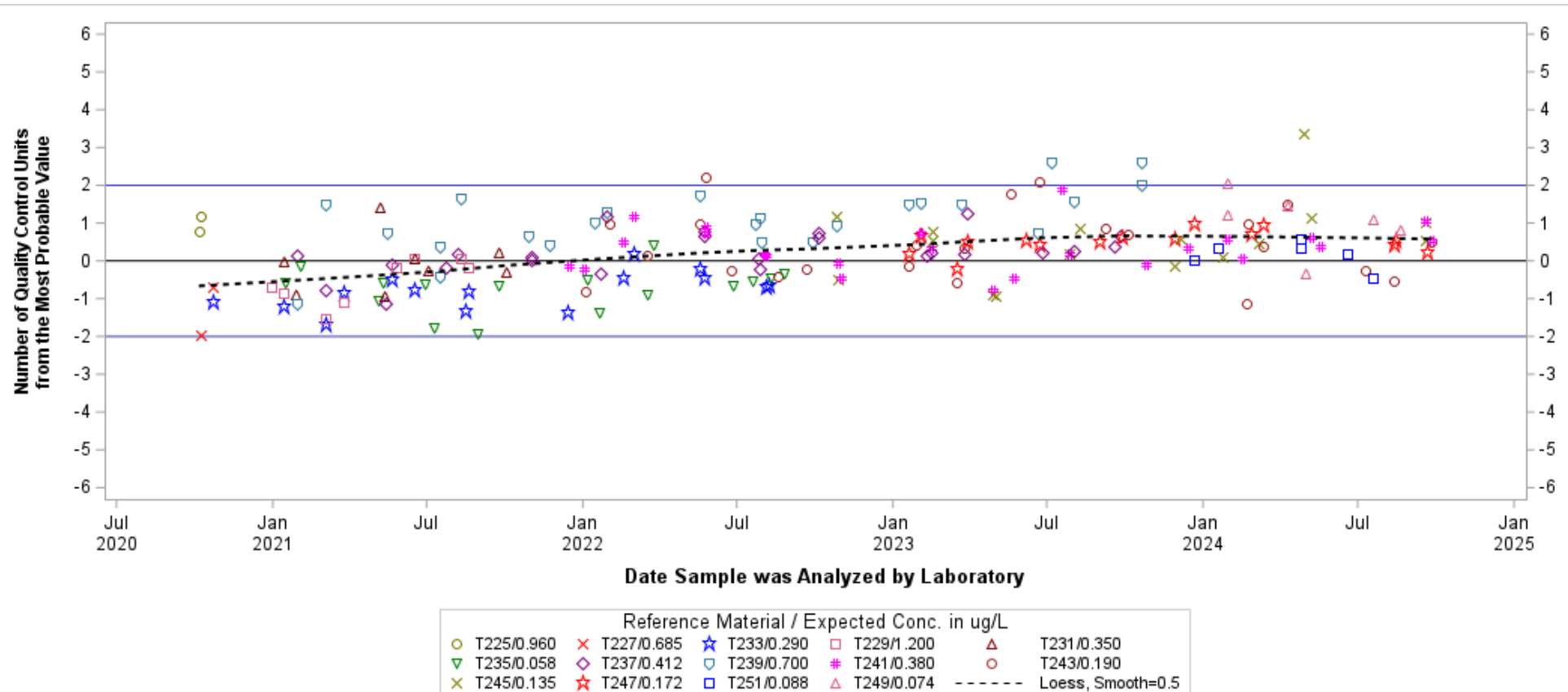


Hover over any data point for detailed info.

Chart generated 04/23/2025

Charts and data secured from this U.S. Geological Survey (USGS) web page (identified as IBSP) have not received official USGS approval and as such are provisional and subject to revision.  
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**- Beryllium, unfltd, ICP-MS, recov -**  
**Lab: NWQL, PCode: 01012, MCode: PLM78**  
**Analysis Dates: 10/06/20 through 09/25/24**  
[Open Data Set](#)  
[Click here for Control Limit Explanation](#)

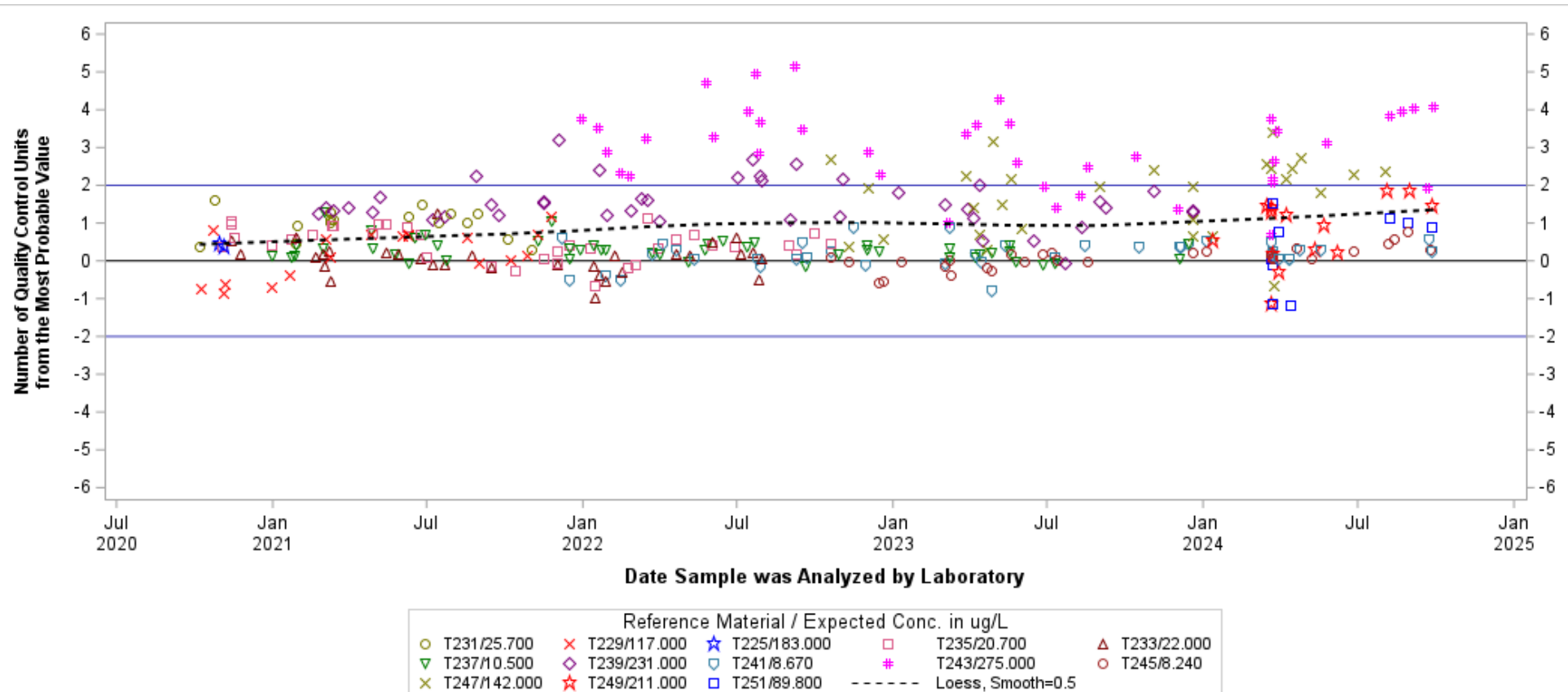


*Hover over any data point for detailed info.*

*Chart generated 04/23/2025*

*Charts and data secured from this U.S. Geological Survey (USGS) web page (identified as IBSP) have not received official USGS approval and as such are provisional and subject to revision.  
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**- Boron, fltd, ICP-MS -**  
**Lab: NWQL, PCode: 01020, MCode: PLM40**  
**Analysis Dates: 10/07/20 through 09/28/24**  
[Open Data Set](#)  
[Click here for Control Limit Explanation](#)

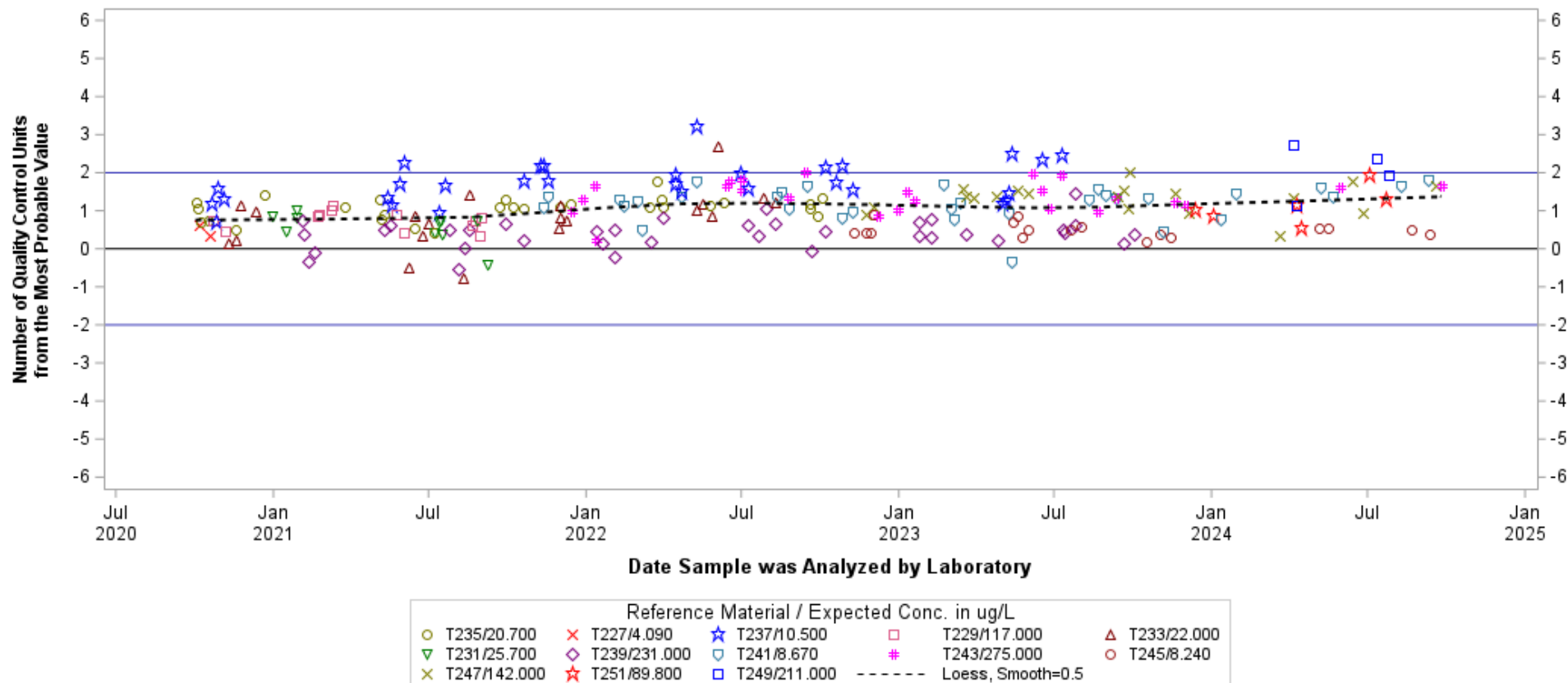


Hover over any data point for detailed info.

Chart generated 04/23/2025

Charts and data secured from this U.S. Geological Survey (USGS) web page (identified as IBSP) have not received official USGS approval and as such are provisional and subject to revision.  
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**- Boron, fltd, ICP-OES -**  
**Lab: NWQL, PCode: 01020, MCode: PLA13**  
**Analysis Dates: 10/02/20 through 09/25/24**  
[Open Data Set](#)  
[Click here for Control Limit Explanation](#)

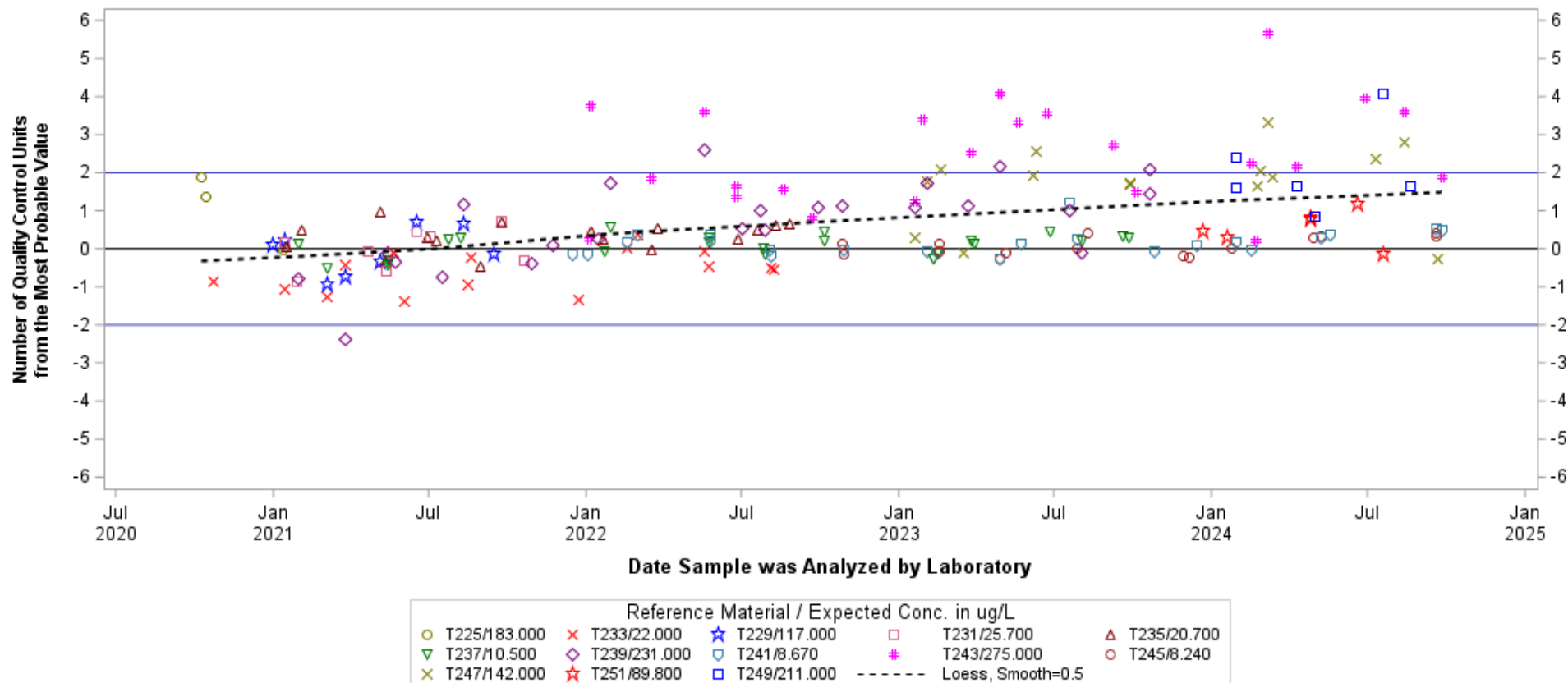


*Hover over any data point for detailed info.*

*Chart generated 04/23/2025*

*Charts and data secured from this U.S. Geological Survey (USGS) web page (identified as IBSP) have not received official USGS approval and as such are provisional and subject to revision.  
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**- Boron, unfltd, ICP-MS, recov -**  
**Lab: NWQL, PCode: 01022, MCode: PLM78**  
**Analysis Dates: 10/09/20 through 09/25/24**  
[Open Data Set](#)  
[Click here for Control Limit Explanation](#)

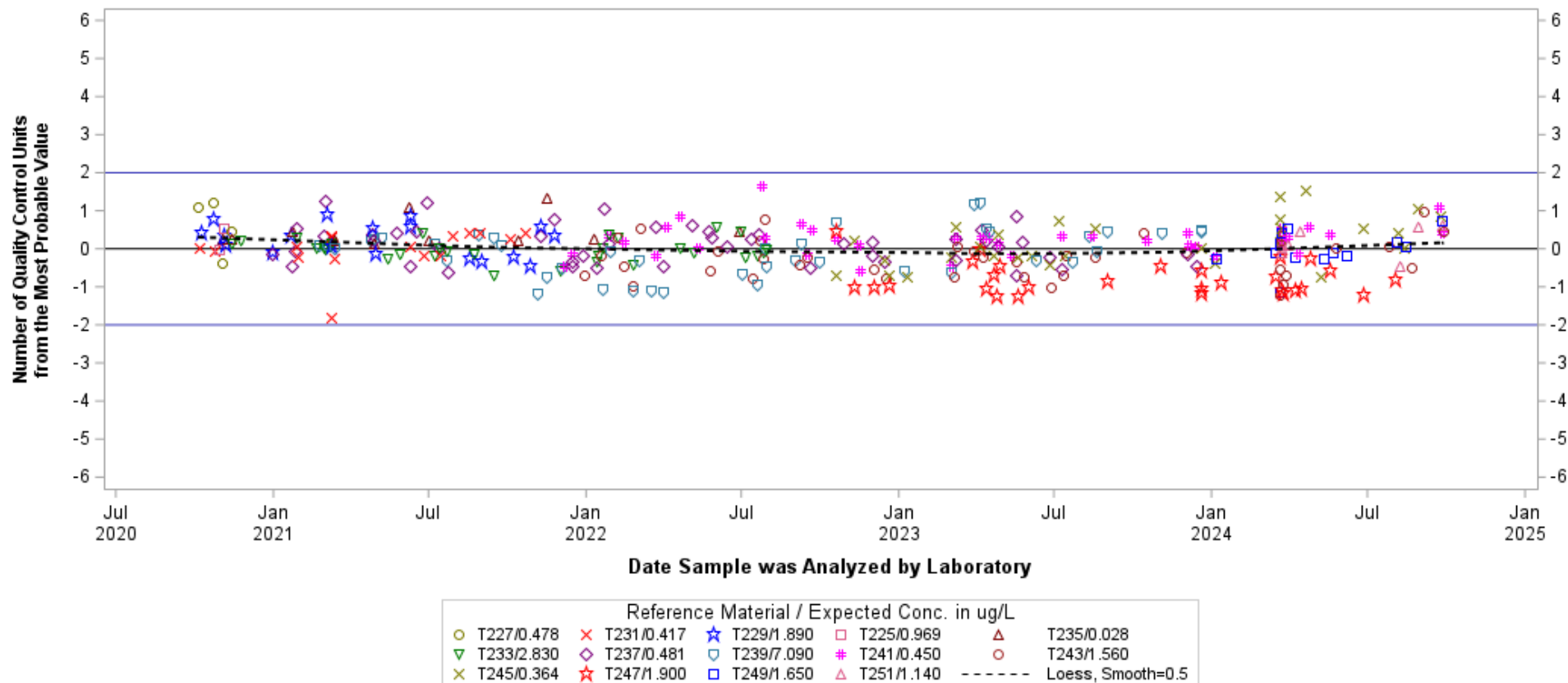


Hover over any data point for detailed info.

Chart generated 04/23/2025

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**- Cadmium, fltd, ICP-MS -**  
**Lab: NWQL, PCode: 01025, MCode: PLM43**  
**Analysis Dates: 10/05/20 through 09/28/24**  
[Open Data Set](#)  
[Click here for Control Limit Explanation](#)

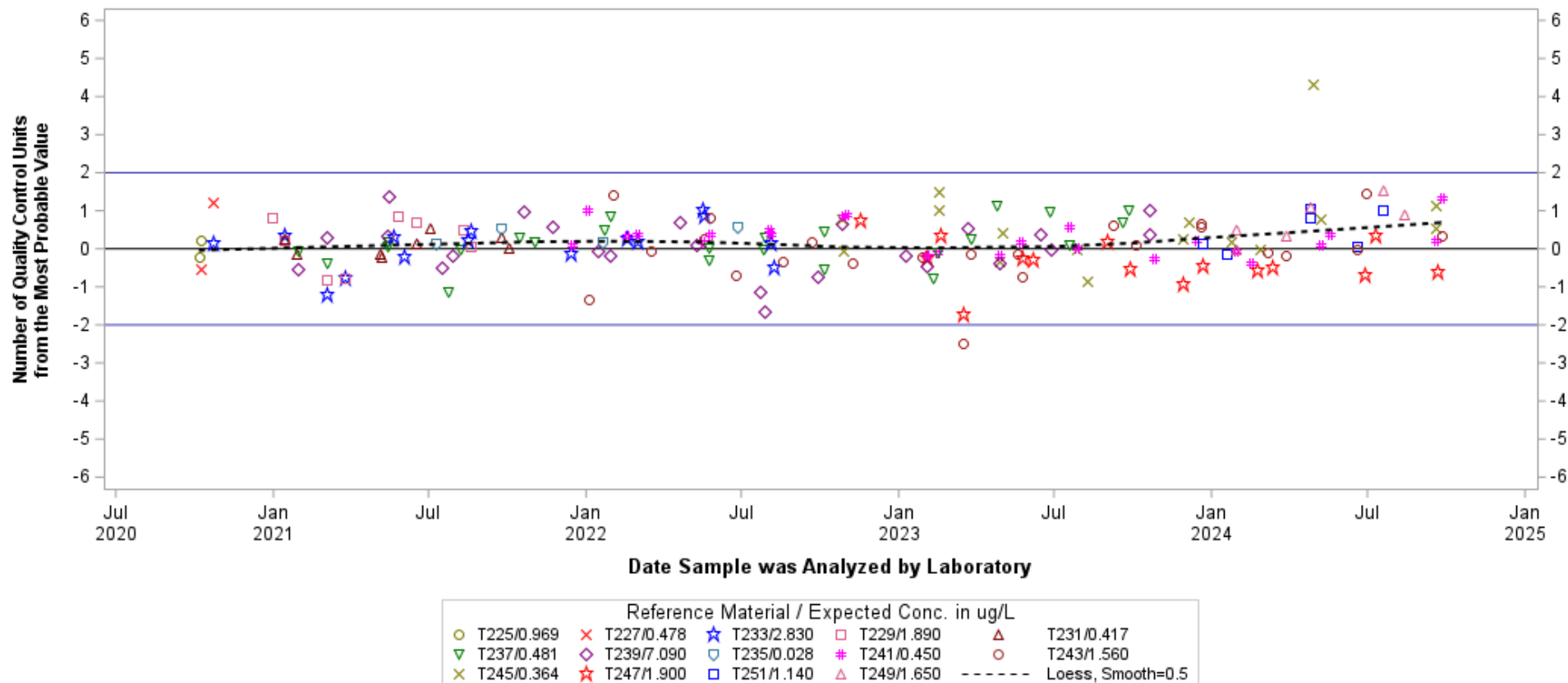


*Hover over any data point for detailed info.*

*Chart generated 04/23/2025*

*Charts and data secured from this U.S. Geological Survey (USGS) web page (identified as IBSP) have not received official USGS approval and as such are provisional and subject to revision. The charts and data are released on the condition that neither the USGS nor the U.S. Government shall be held liable for any damages resulting from its authorized or unauthorized use.*

**- Cadmium, unfltd, ICP-MS, recov -**  
**Lab: NWQL, PCode: 01027, MCode: PLM78**  
 Analysis Dates: 10/06/20 through 09/25/24  
[Open Data Set](#)  
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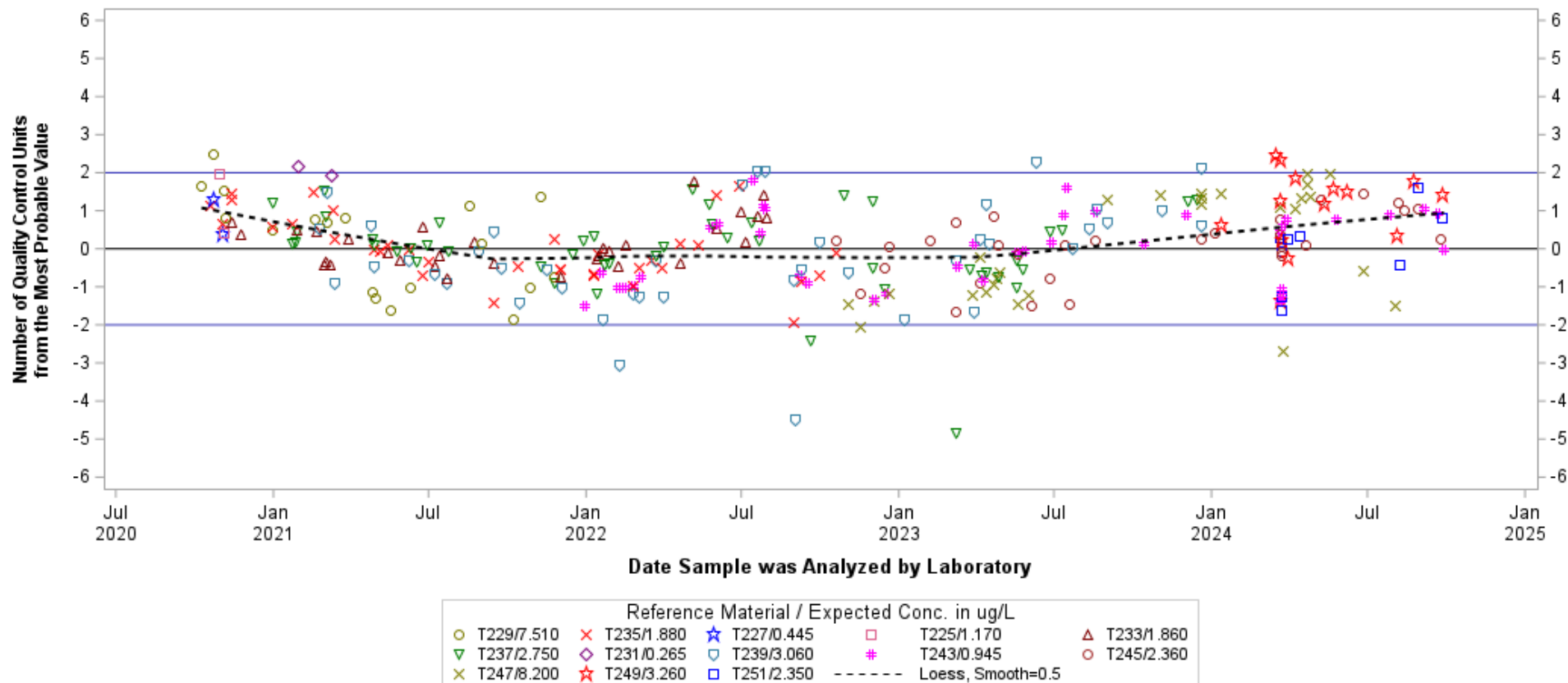
*Hover over any data point for detailed info.*

*Chart generated 04/23/2025*

*Charts and data secured from this U.S. Geological Survey (USGS) web page (identified as IBSP) have not received official USGS approval and as such are provisional and subject to revision.  
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**- Chromium, fltd, cICP-MS -**  
**Lab: NWQL, PCode: 01030, MCode: PLM10**  
**Analysis Dates: 10/09/20 through 09/28/24**  
[Open Data Set](#)  
[Click here for Control Limit Explanation](#)



*Hover over any data point for detailed info.*

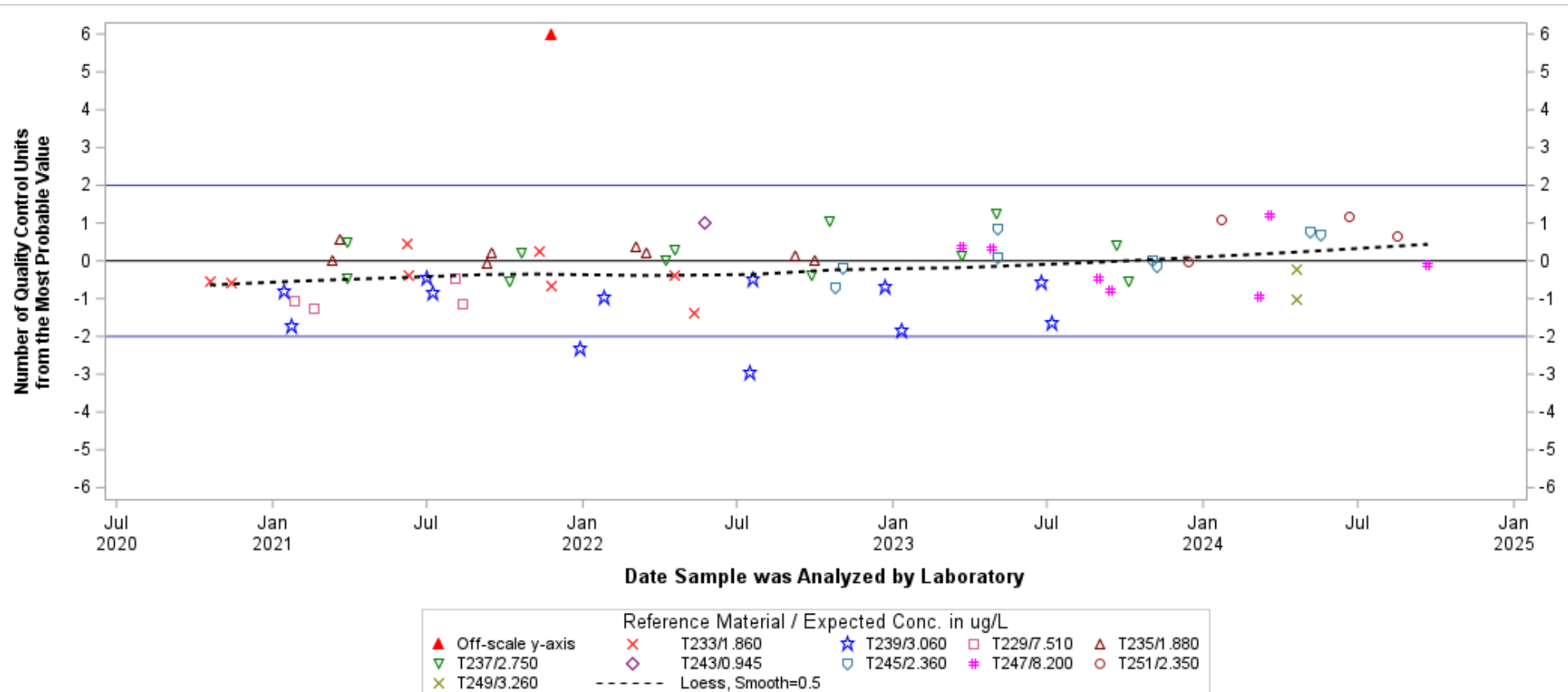
*Chart generated 04/23/2025*

*Charts and data secured from this U.S. Geological Survey (USGS) web page (identified as IBSP) have not received official USGS approval and as such are provisional and subject to revision. The charts and data are released on the condition that neither the USGS nor the U.S. Government shall be held liable for any damages resulting from its authorized or unauthorized use.*

**- Chromium, unfltd, ICP-OES, recov -**  
**Lab: NWQL, PCode: 01034, MCode: PLO07**  
**Analysis Dates: 10/19/20 through 09/21/24**

[Open Data Set](#)

[Click here for Control Limit Explanation](#)



*Hover over any data point for detailed info.*

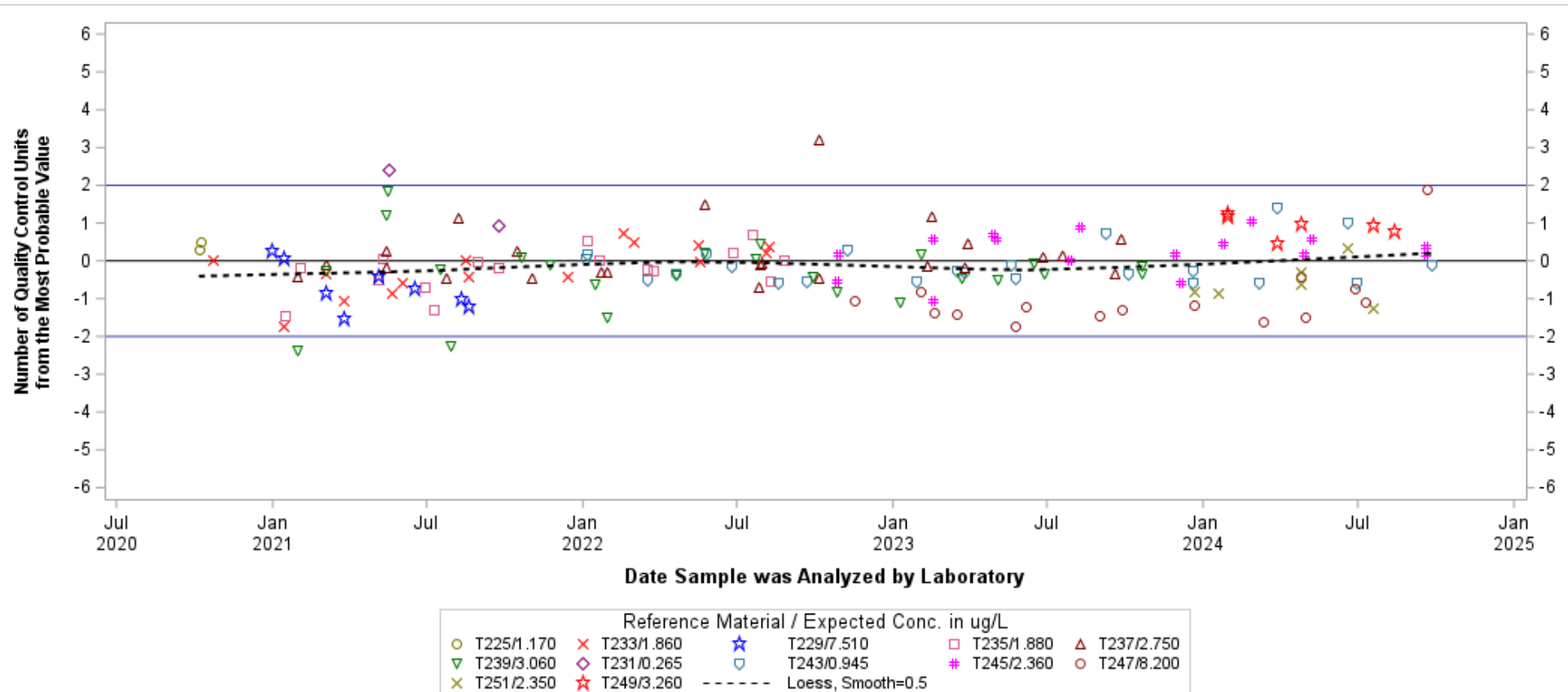
*Chart generated 04/23/2025*

*Charts and data secured from this U.S. Geological Survey (USGS) web page (identified as IBSP) have not received official USGS approval and as such are provisional and subject to revision.  
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**- Chromium, unfltd, cICP-MS, recov -**  
**Lab: NWQL, PCode: 01034, MCode: PLM77**  
**Analysis Dates: 10/06/20 through 09/25/24**

[Open Data Set](#)

[Click here for Control Limit Explanation](#)

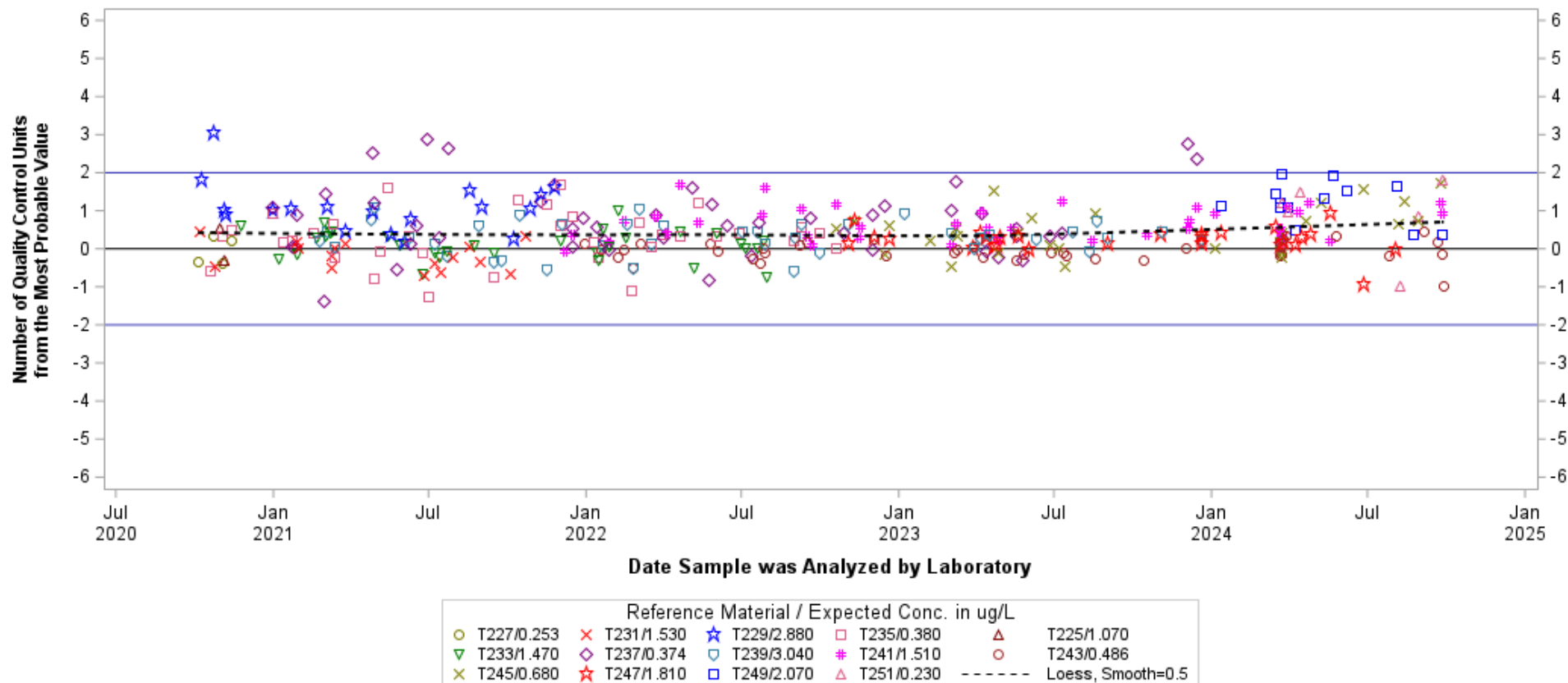


*Hover over any data point for detailed info.*

*Chart generated 04/23/2025*

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**- Cobalt, fItD, cICP-MS -**  
**Lab: NWQL, PCode: 01035, MCode: PLM10**  
**Analysis Dates: 10/05/20 through 09/28/24**  
[Open Data Set](#)  
[Click here for Control Limit Explanation](#)



Hover over any data point for detailed info.

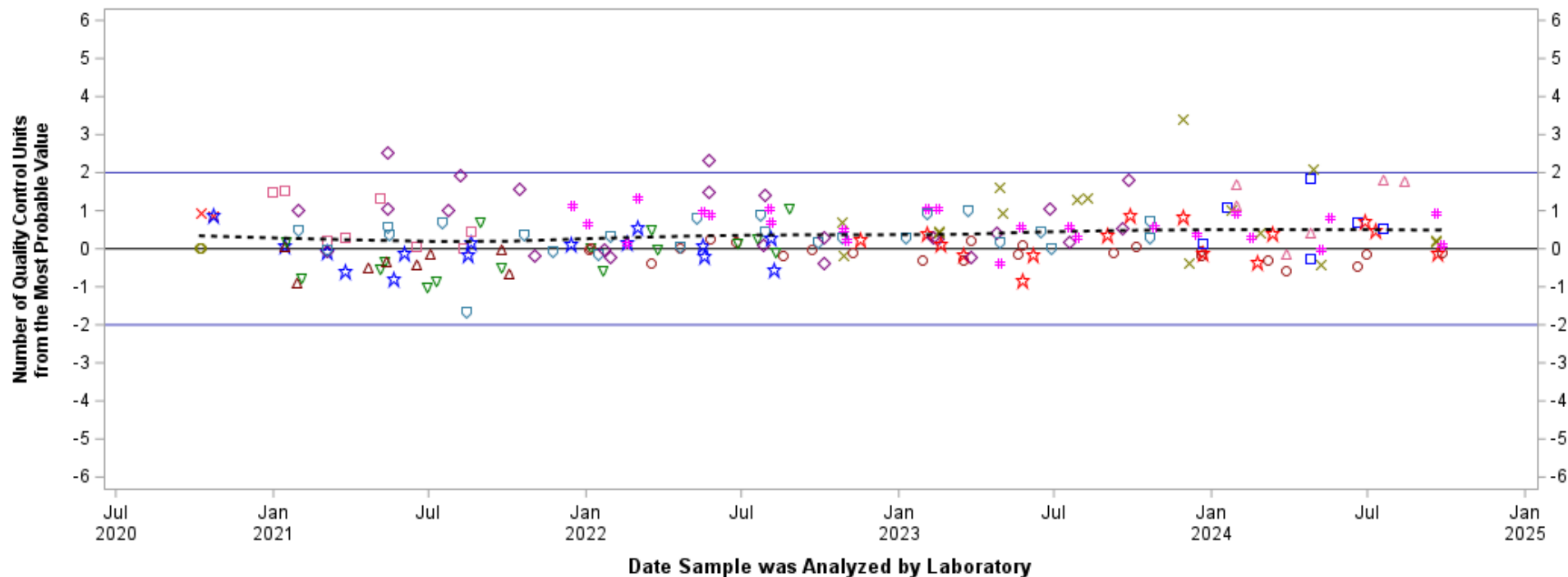
Chart generated 04/23/2025

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**- Cobalt, unfltd, cICP-MS, recov -**  
**Lab: NWQL, PCode: 01037, MCode: PLM77**  
**Analysis Dates: 10/06/20 through 09/25/24**

[Open Data Set](#)

[Click here for Control Limit Explanation](#)



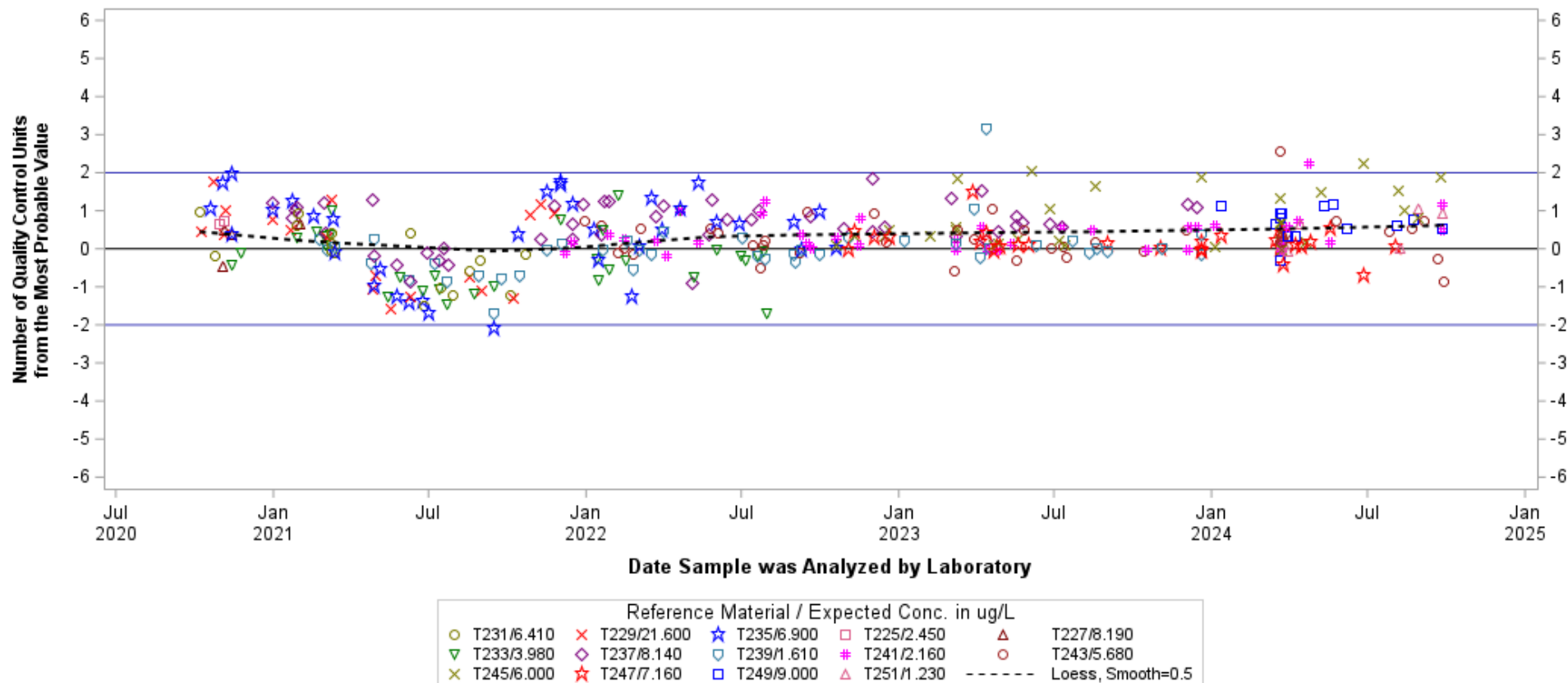
Reference Material / Expected Conc. in ug/L				
○ T225/1.070	✕ T227/0.253	★ T233/1.470	□ T229/2.880	△ T231/1.530
▽ T235/0.380	◇ T237/0.374	◊ T239/3.040	✱ T241/1.510	○ T243/0.486
✕ T245/0.680	★ T247/1.810	□ T251/0.230	△ T249/2.070	----- Loess, Smooth=0.5

*Hover over any data point for detailed info.*

*Chart generated 04/23/2025*

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**- Copper, fltd, cICP-MS -**  
**Lab: NWQL, PCode: 01040, MCode: PLM10**  
**Analysis Dates: 10/07/20 through 09/28/24**  
[Open Data Set](#)  
[Click here for Control Limit Explanation](#)

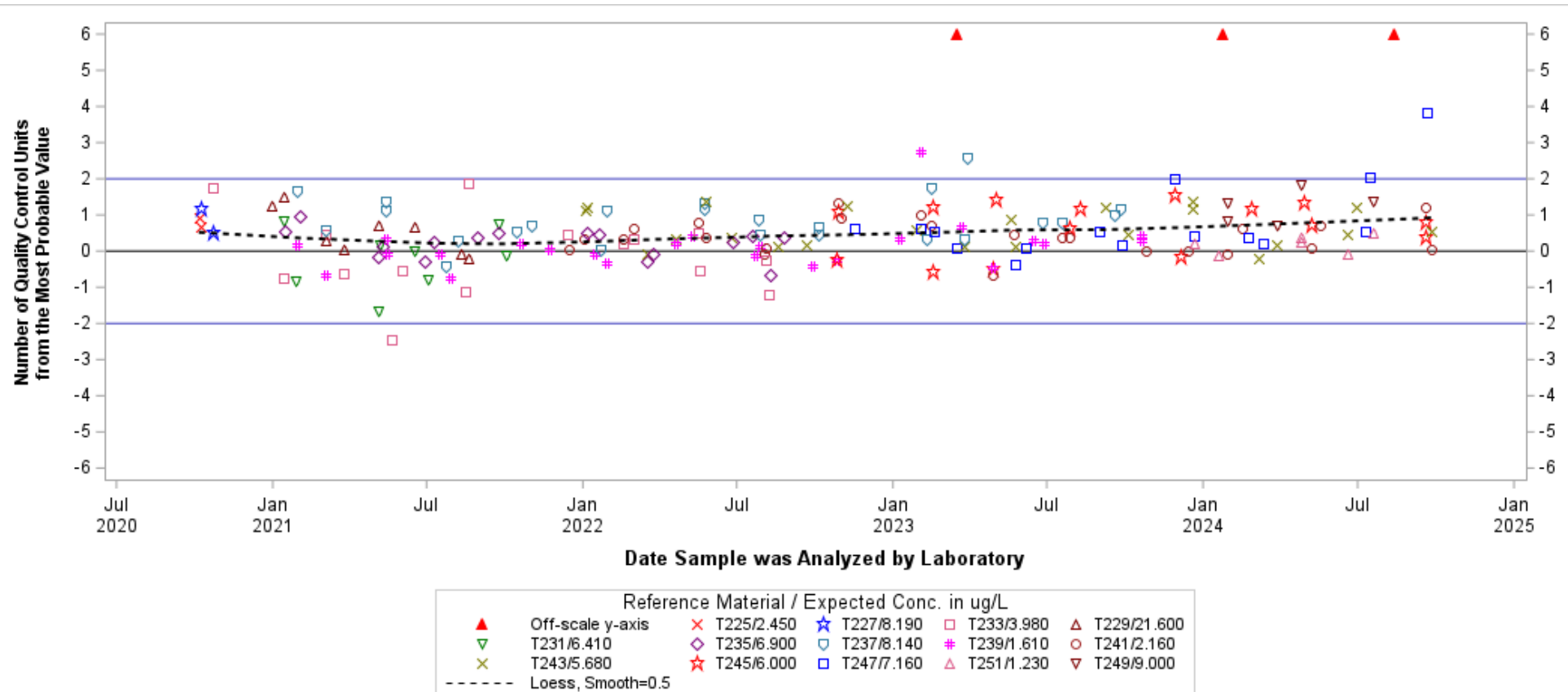


*Hover over any data point for detailed info.*

*Chart generated 04/23/2025*

*Charts and data secured from this U.S. Geological Survey (USGS) web page (identified as IBSP) have not received official USGS approval and as such are provisional and subject to revision.  
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**- Copper, unfltd, cICP-MS, recov -**  
**Lab: NWQL, PCode: 01042, MCode: PLM77**  
**Analysis Dates: 10/06/20 through 09/25/24**  
[Open Data Set](#)  
[Click here for Control Limit Explanation](#)

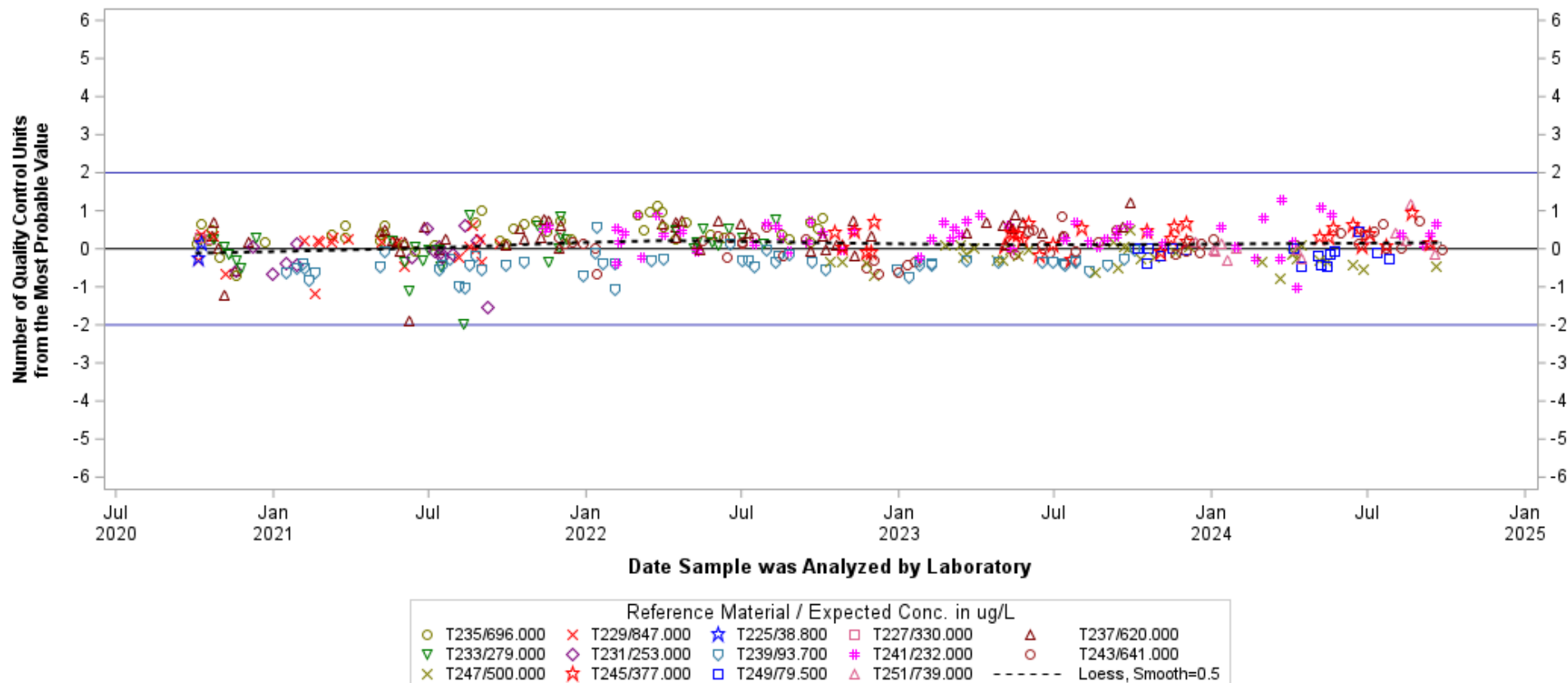


*Hover over any data point for detailed info.*

*Chart generated 04/23/2025*

*Charts and data secured from this U.S. Geological Survey (USGS) web page (identified as IBSP) have not received official USGS approval and as such are provisional and subject to revision.  
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**- Iron, fltd, ICP-OES -**  
**Lab: NWQL, PCode: 01046, MCode: PLA11**  
 Analysis Dates: 10/02/20 through 09/25/24  
[Open Data Set](#)  
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Hover over any data point for detailed info.

Chart generated 04/23/2025

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### Open Data Set

The scatter plot displays the number of quality control units from the most probable value over time. The x-axis represents time from July 2020 to January 2025, with major ticks every six months. The y-axis represents the number of quality control units, ranging from -6 to 6. A dashed horizontal line is drawn at y=0, and two solid horizontal lines are drawn at y=2 and y=-2. The data points are represented by various colored symbols (circles, squares, triangles, diamonds, crosses, stars, pluses) and are mostly clustered between -1 and 1, with a few outliers reaching up to 6 and down to -3.

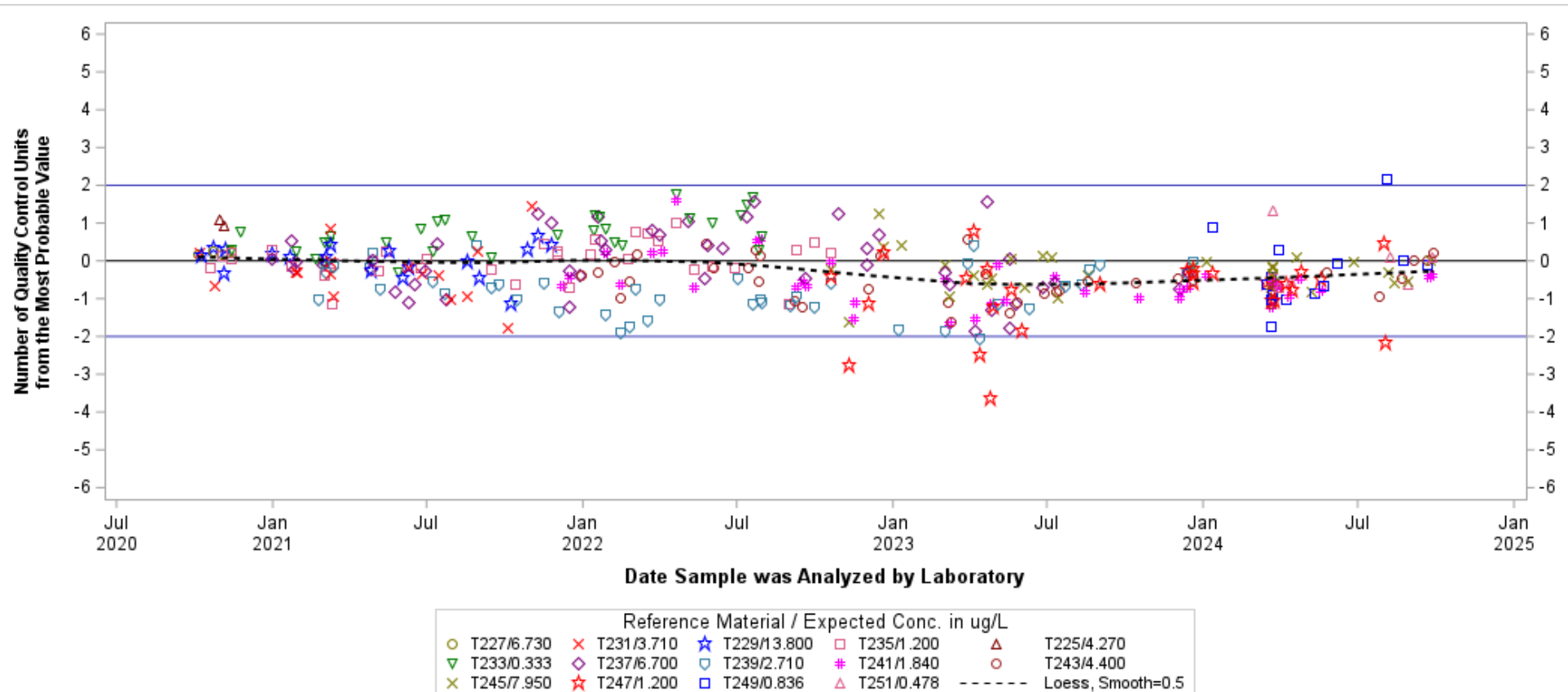
		Reference Material / Expected Conc. in ug/L							
▲	Off-scale y-axis	✕	T225/38.800	★	T227/330.000	□	T233/279.000	△	T229/847.000
▼	T231/253.000	◇	T235/696.000	◊	T239/93.700	✱	T237/620.000	○	T241/232.000
✕	T243/641.000	★	T245/377.000	□	T247/500.000	△	T251/739.000	▽	T249/79.500
----- Loess, Smooth=0.5									

Chart generated 04/23/2025

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**- Lead, fltd, ICP-MS -****Lab: NWQL, PCode: 01049, MCode: PLM43**

Analysis Dates: 10/05/20 through 09/28/24

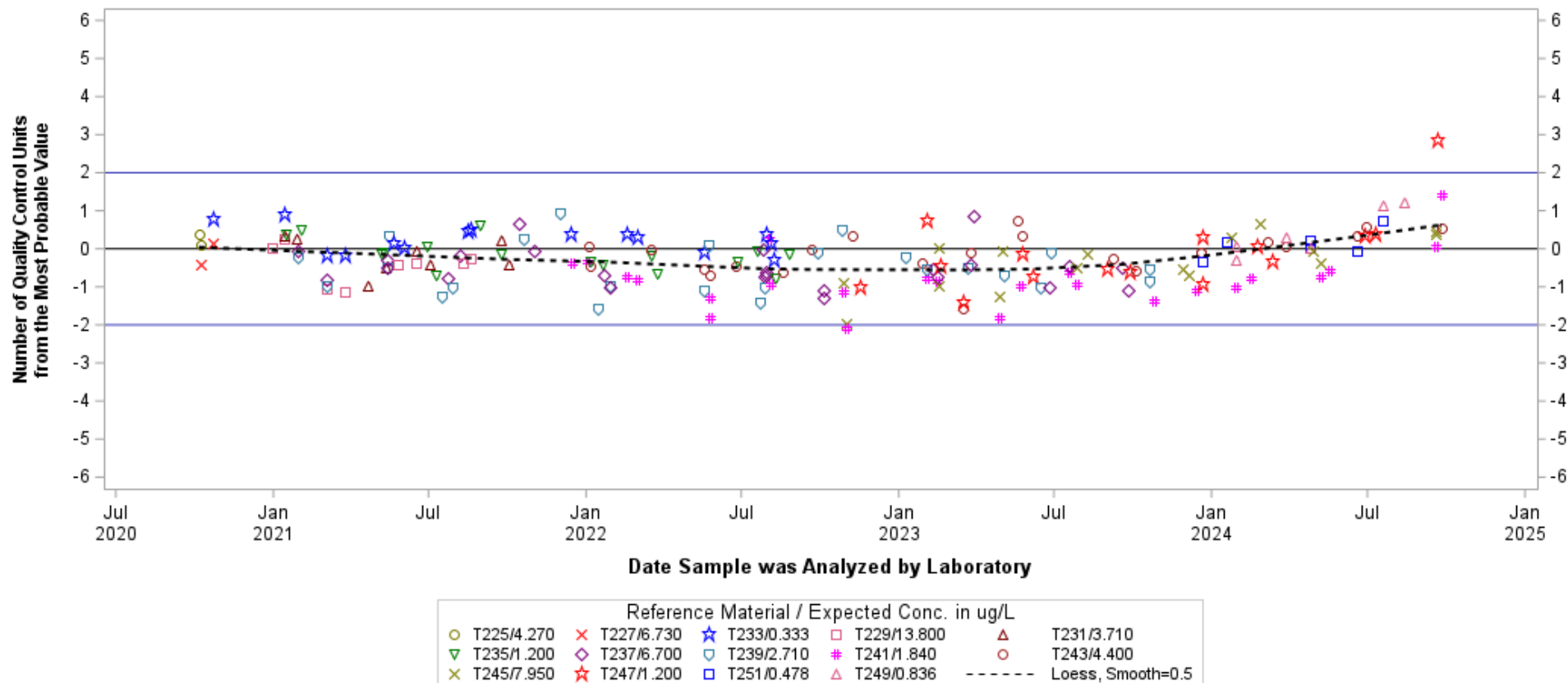
[Open Data Set](#)[Click here for Control Limit Explanation](#)

Hover over any data point for detailed info.

Chart generated 04/23/2025

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**- Lead, unfltd, ICP-MS, recov -**  
**Lab: NWQL, PCode: 01051, MCode: PLM78**  
**Analysis Dates: 10/06/20 through 09/25/24**  
[Open Data Set](#)  
[Click here for Control Limit Explanation](#)

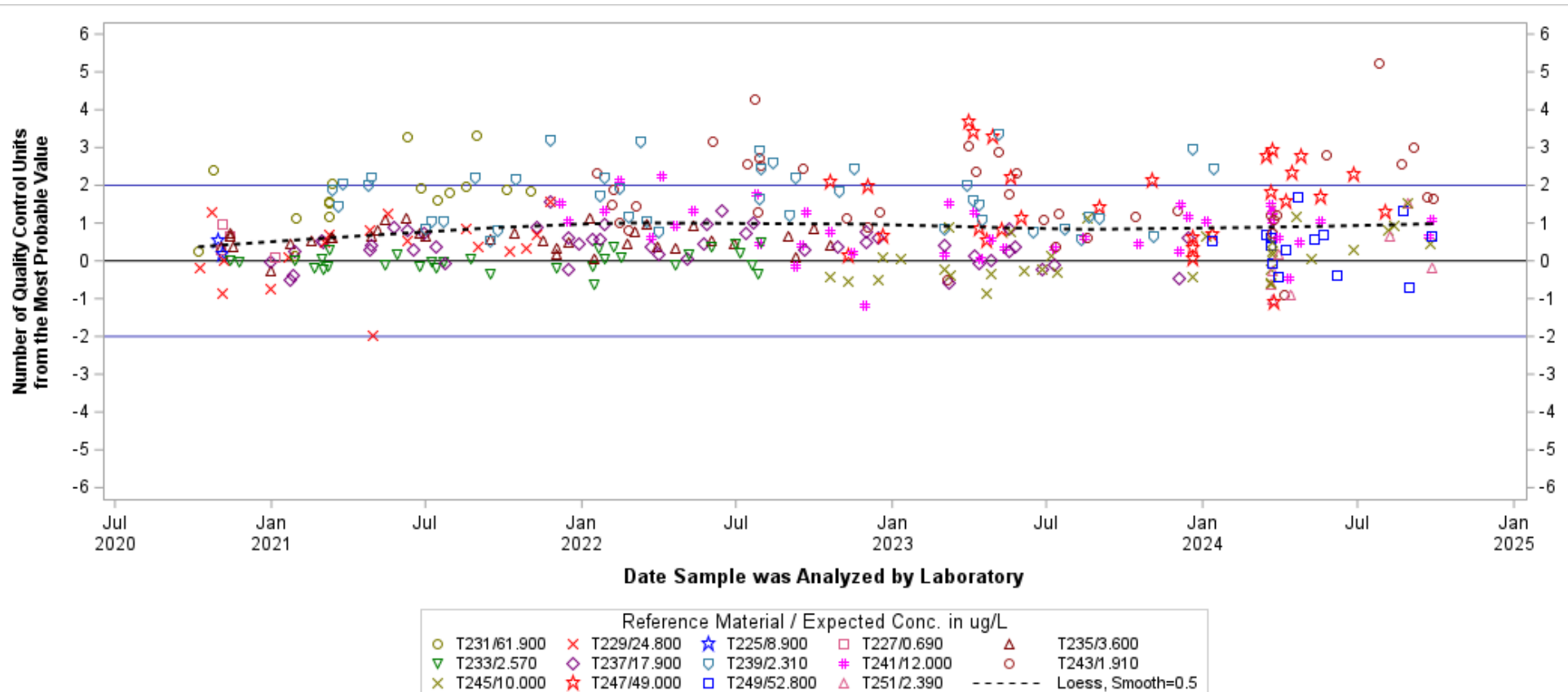


*Hover over any data point for detailed info.*

*Chart generated 04/23/2025*

*Charts and data secured from this U.S. Geological Survey (USGS) web page (identified as IBSP) have not received official USGS approval and as such are provisional and subject to revision.  
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**- Lithium, fltd, ICP-MS -**  
**Lab: NWQL, PCode: 01130, MCode: PLM40**  
**Analysis Dates: 10/07/20 through 09/28/24**  
[Open Data Set](#)  
[Click here for Control Limit Explanation](#)

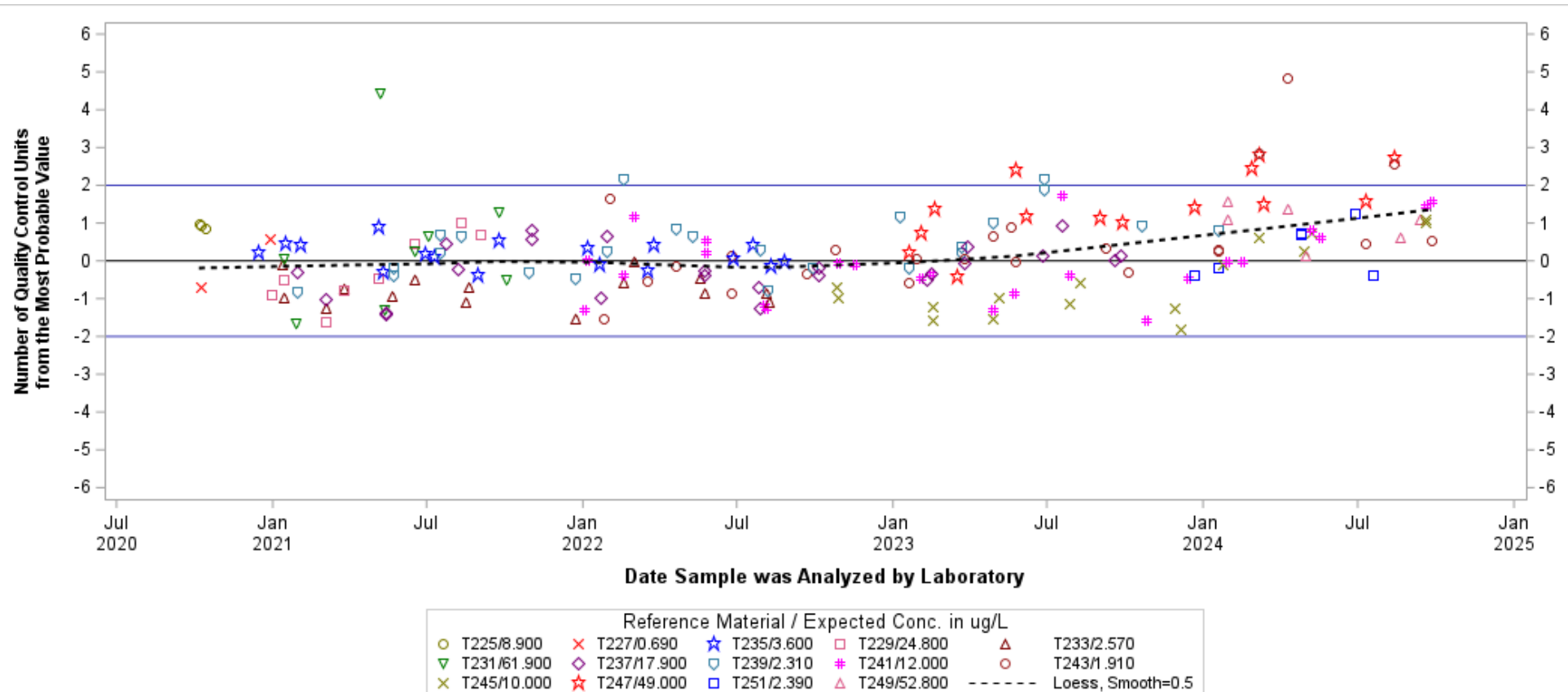


*Hover over any data point for detailed info.*

*Chart generated 04/23/2025*

*Charts and data secured from this U.S. Geological Survey (USGS) web page (identified as IBSP) have not received official USGS approval and as such are provisional and subject to revision.  
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**- Lithium, unfltd, ICP-MS, recov -**  
**Lab: NWQL, PCode: 01132, MCode: PLM78**  
**Analysis Dates: 10/06/20 through 09/25/24**  
[Open Data Set](#)  
[Click here for Control Limit Explanation](#)

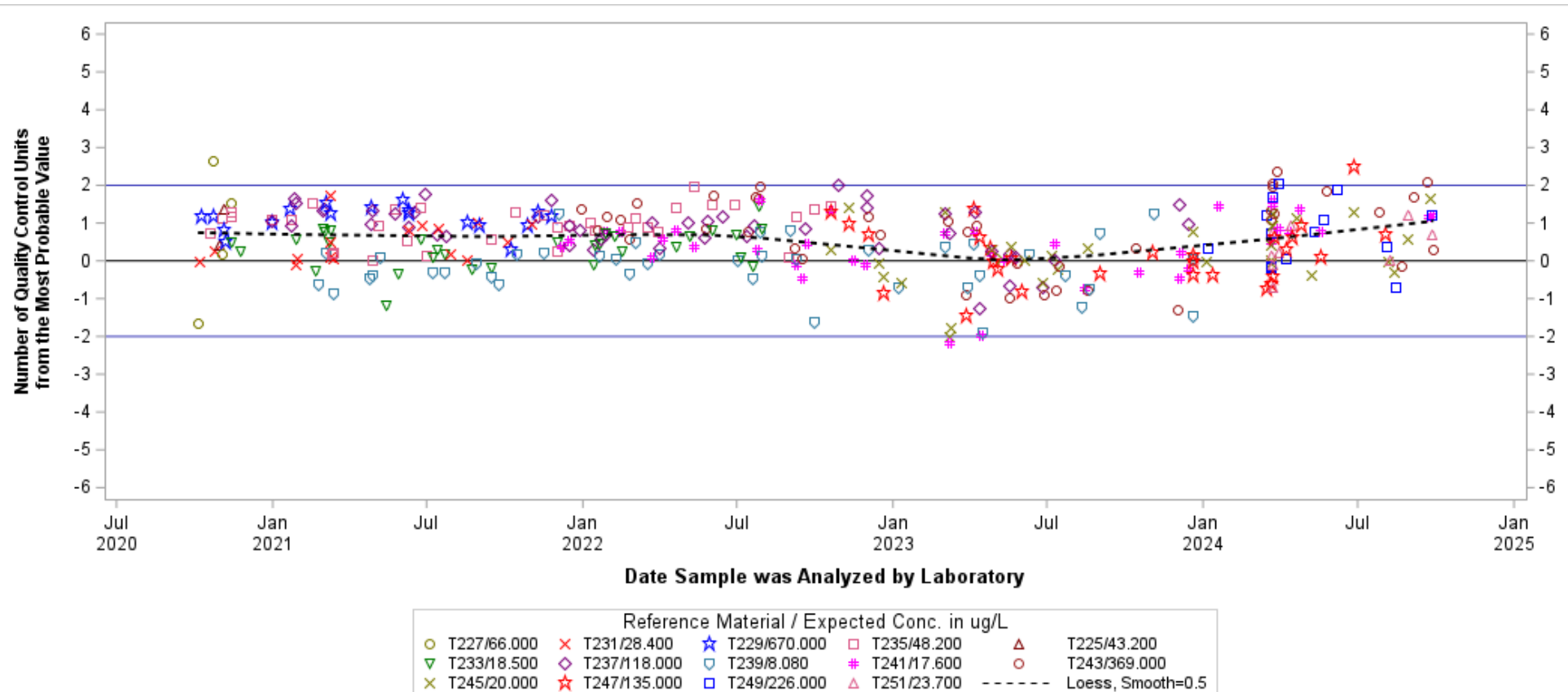


Hover over any data point for detailed info.

Chart generated 04/23/2025

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**- Manganese, fItd, ICP-MS -**  
**Lab: NWQL, PCode: 01056, MCode: PLM43**  
**Analysis Dates: 10/05/20 through 09/28/24**  
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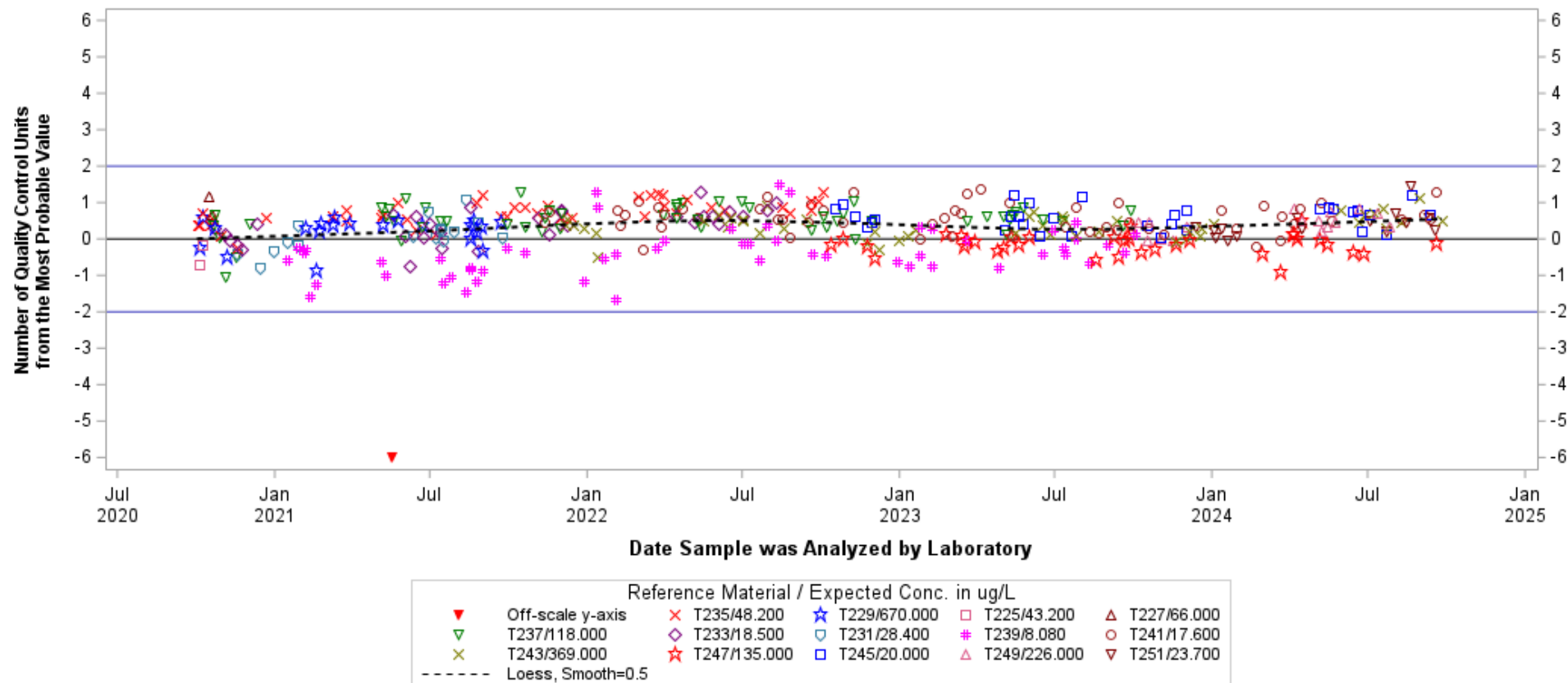


*Hover over any data point for detailed info.*

*Chart generated 04/23/2025*

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**- Manganese, fltd, ICP-OES -**  
**Lab: NWQL, PCode: 01056, MCode: PLA11**  
**Analysis Dates: 10/02/20 through 09/25/24**  
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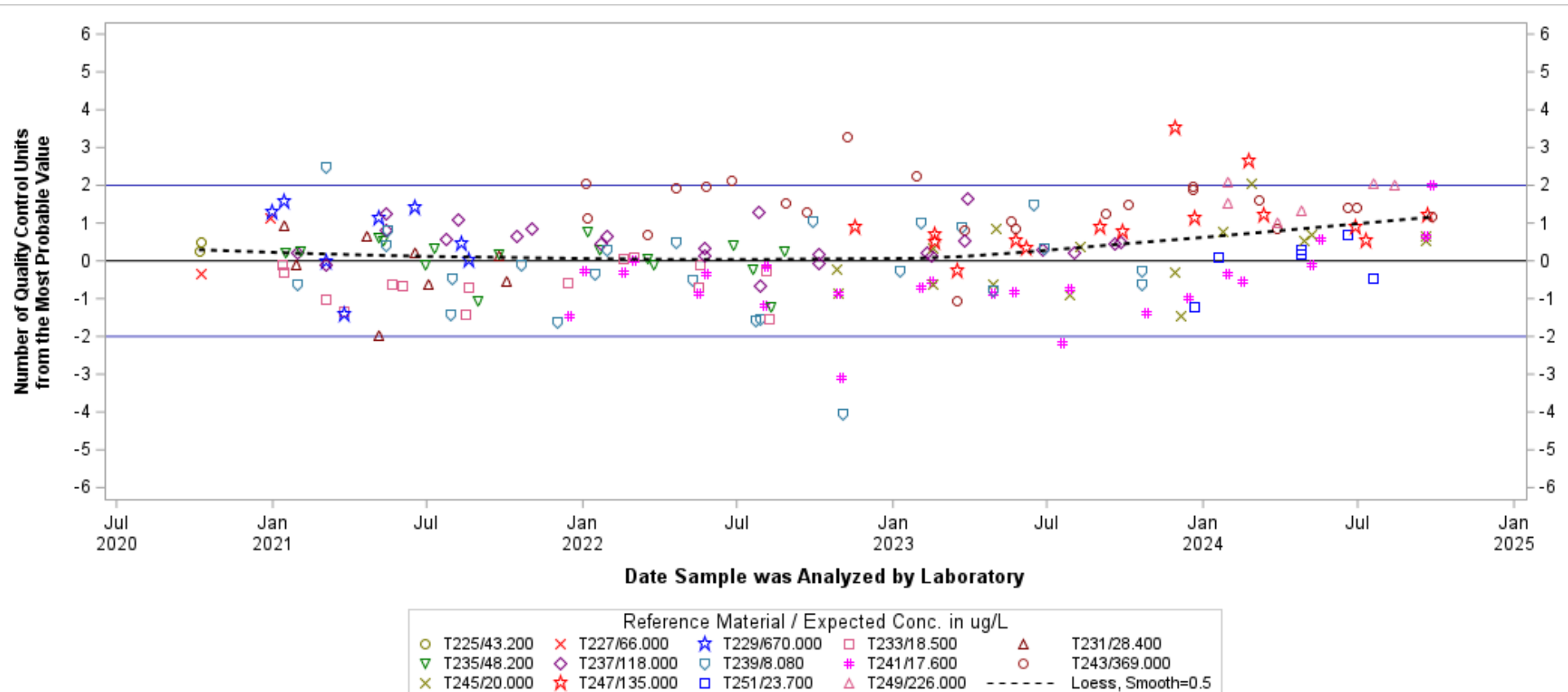


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**- Manganese, unfltd, ICP-MS, recov -**  
**Lab: NWQL, PCode: 01055, MCode: PLM78**  
 Analysis Dates: 10/06/20 through 09/25/24  
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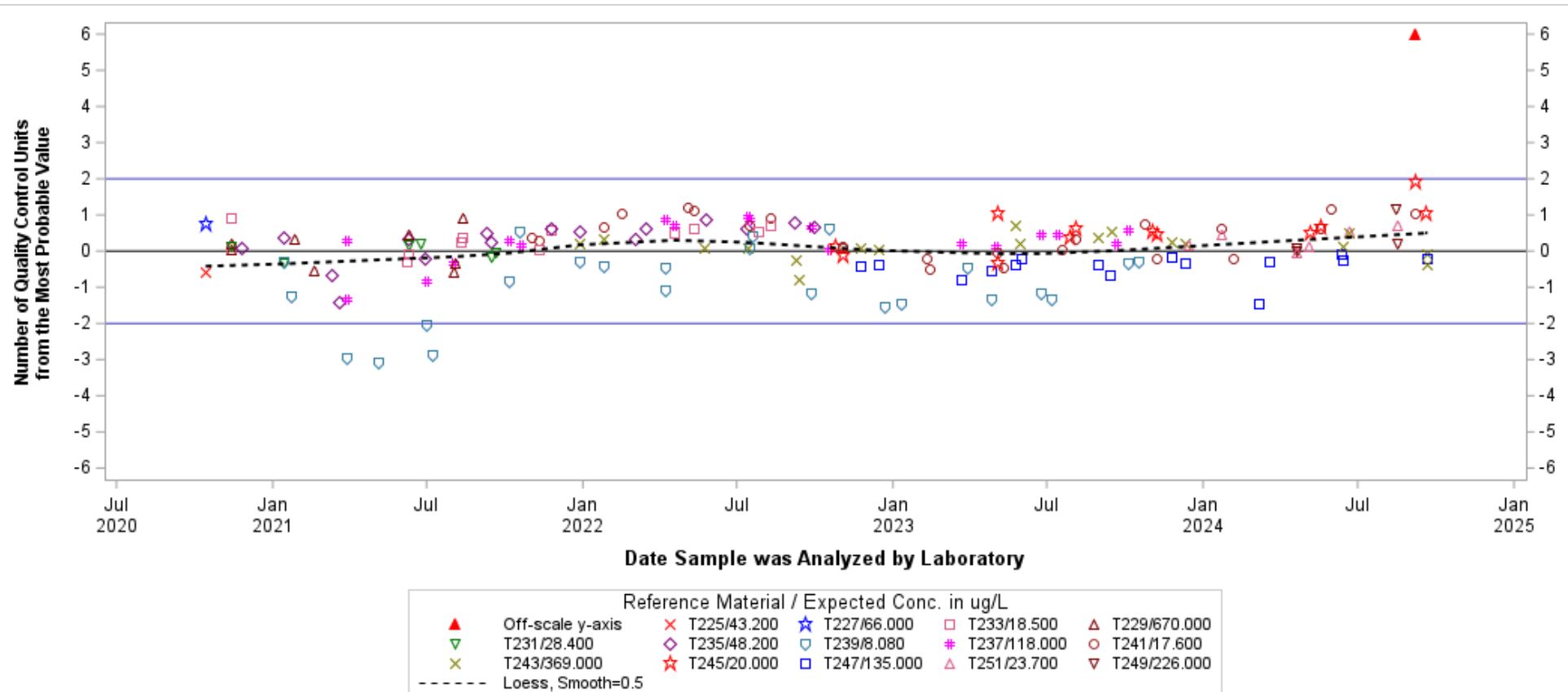
*Chart generated 04/23/2025*

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**- Manganese, unfltd, ICP-OES, recov -****Lab: NWQL, PCode: 01055, MCode: PLO07**

Analysis Dates: 10/14/20 through 09/21/24

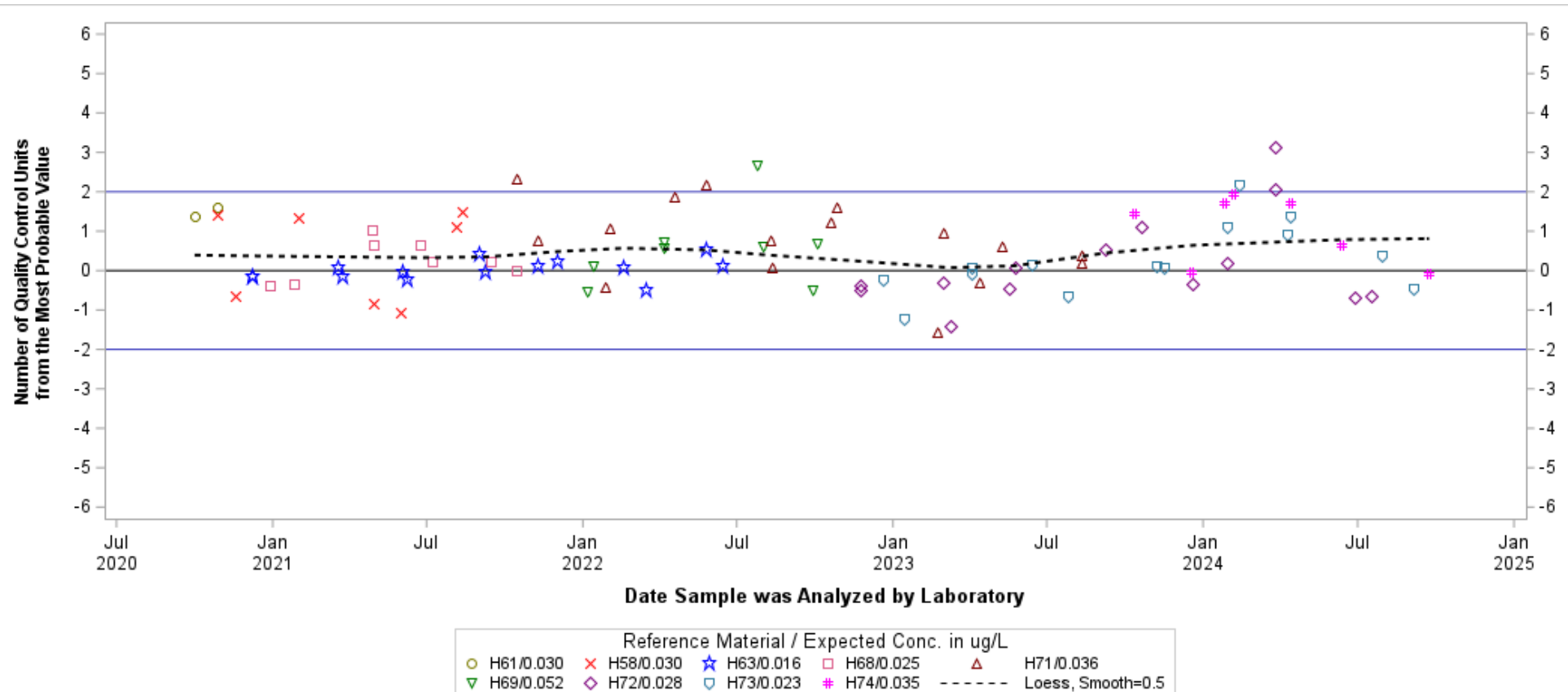
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**- Mercury, fltd, CVAF -**  
**Lab: NWQL, PCode: 71890, MCode: CV014**  
 Analysis Dates: 10/01/20 through 09/23/24  
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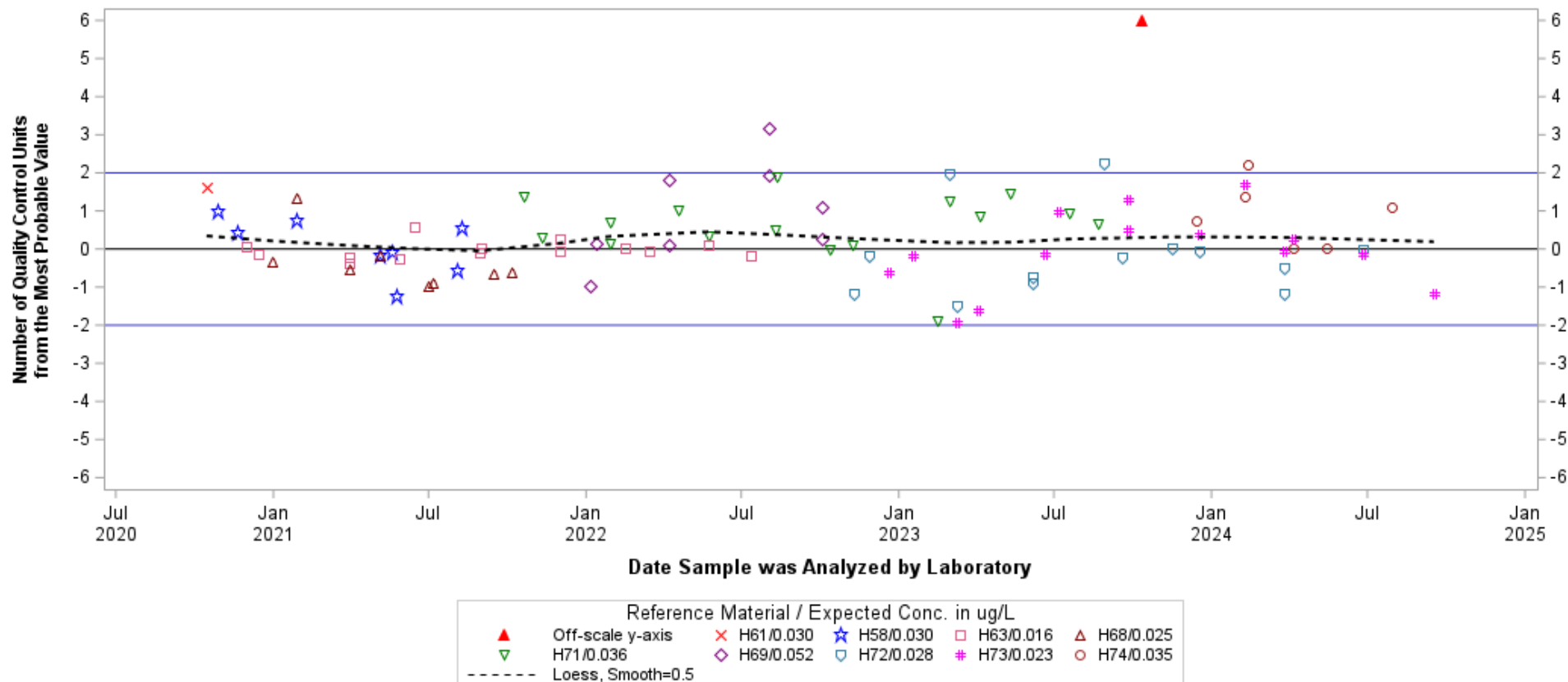


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**- Mercury, unfltd, CVAF -**  
**Lab: NWQL, PCode: 71900, MCode: CV018**  
 Analysis Dates: 10/15/20 through 09/16/24  
[Open Data Set](#)  
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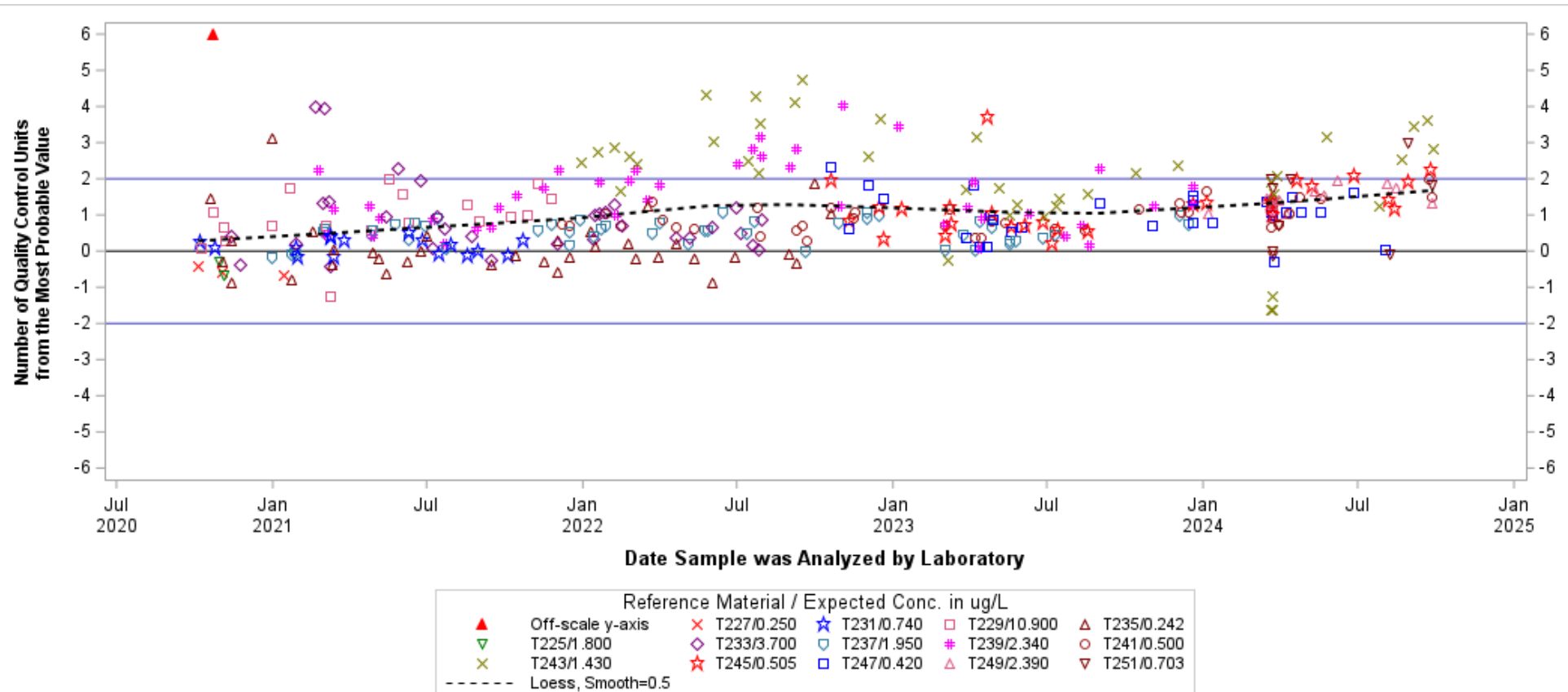


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**- Molybdenum, fltd, ICP-MS -**  
**Lab: NWQL, PCode: 01060, MCode: PLM43**  
**Analysis Dates: 10/05/20 through 09/28/24**  
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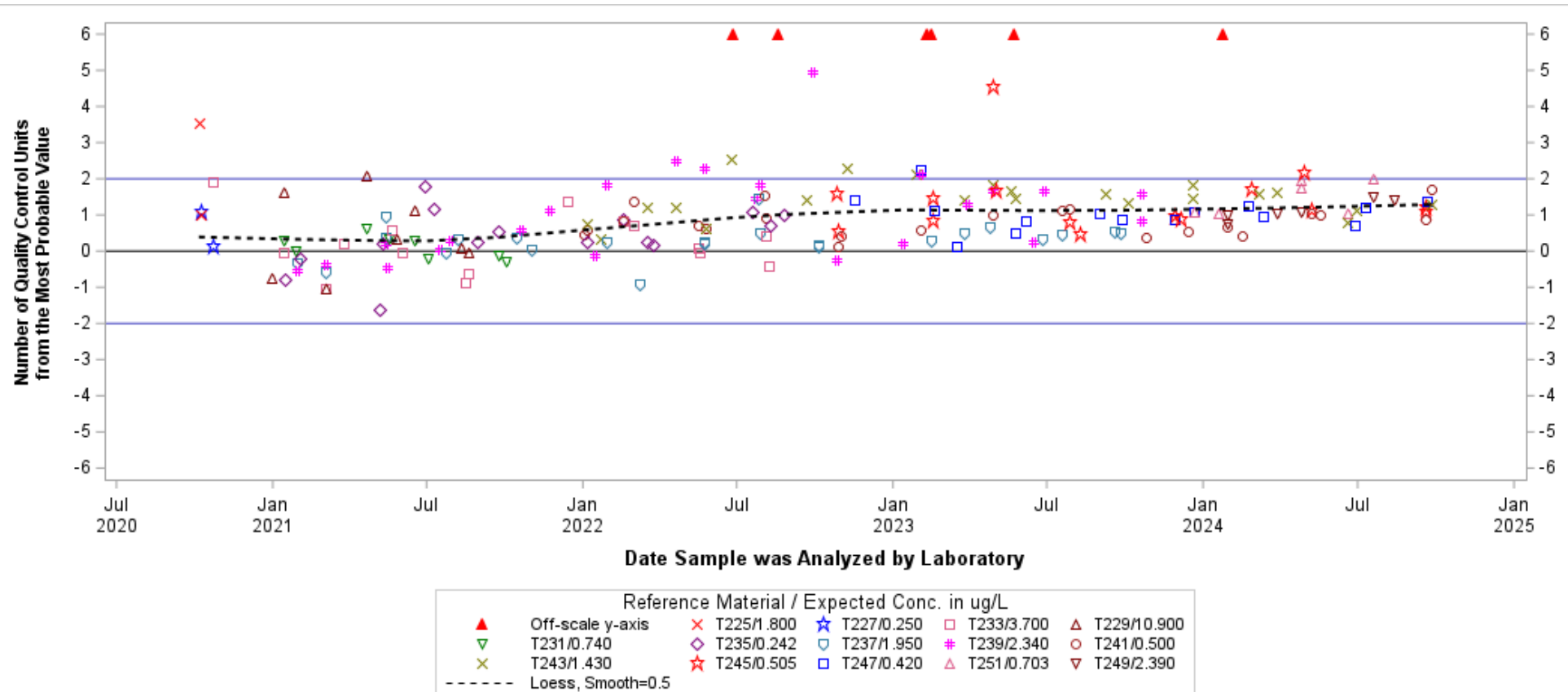
Hover over any data point for detailed info.

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**- Molybdenum, unfltd, ICP-MS, recov -****Lab: NWQL, PCode: 01062, MCode: PLM78**

Analysis Dates: 10/06/20 through 09/25/24

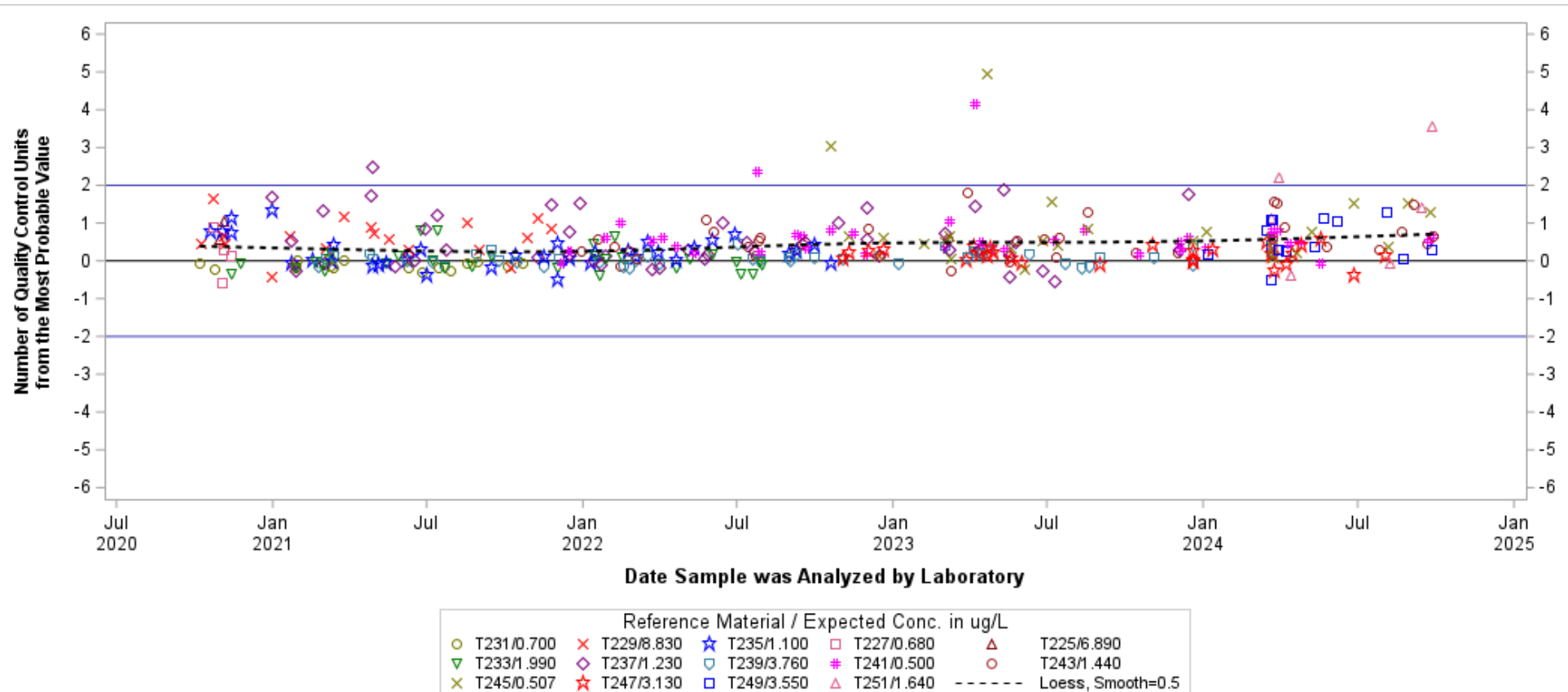
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Chart generated 04/23/2025

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**- Nickel, fltd, cICP-MS -**  
**Lab: NWQL, PCode: 01065, MCode: PLM10**  
**Analysis Dates: 10/07/20 through 09/28/24**  
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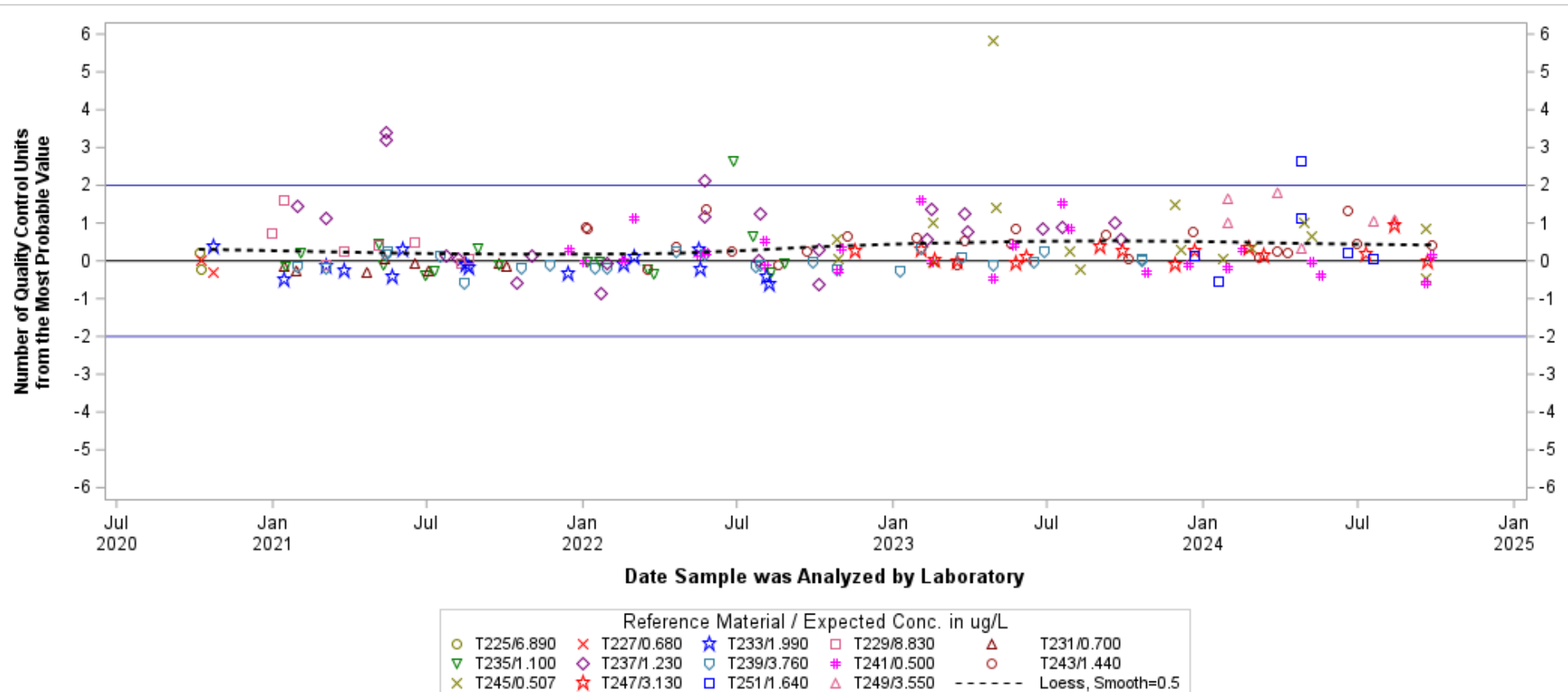
Chart generated 04/23/2025

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**- Nickel, unfltd, cICP-MS, recov -**  
**Lab: NWQL, PCode: 01067, MCode: PLM77**  
**Analysis Dates: 10/06/20 through 09/25/24**

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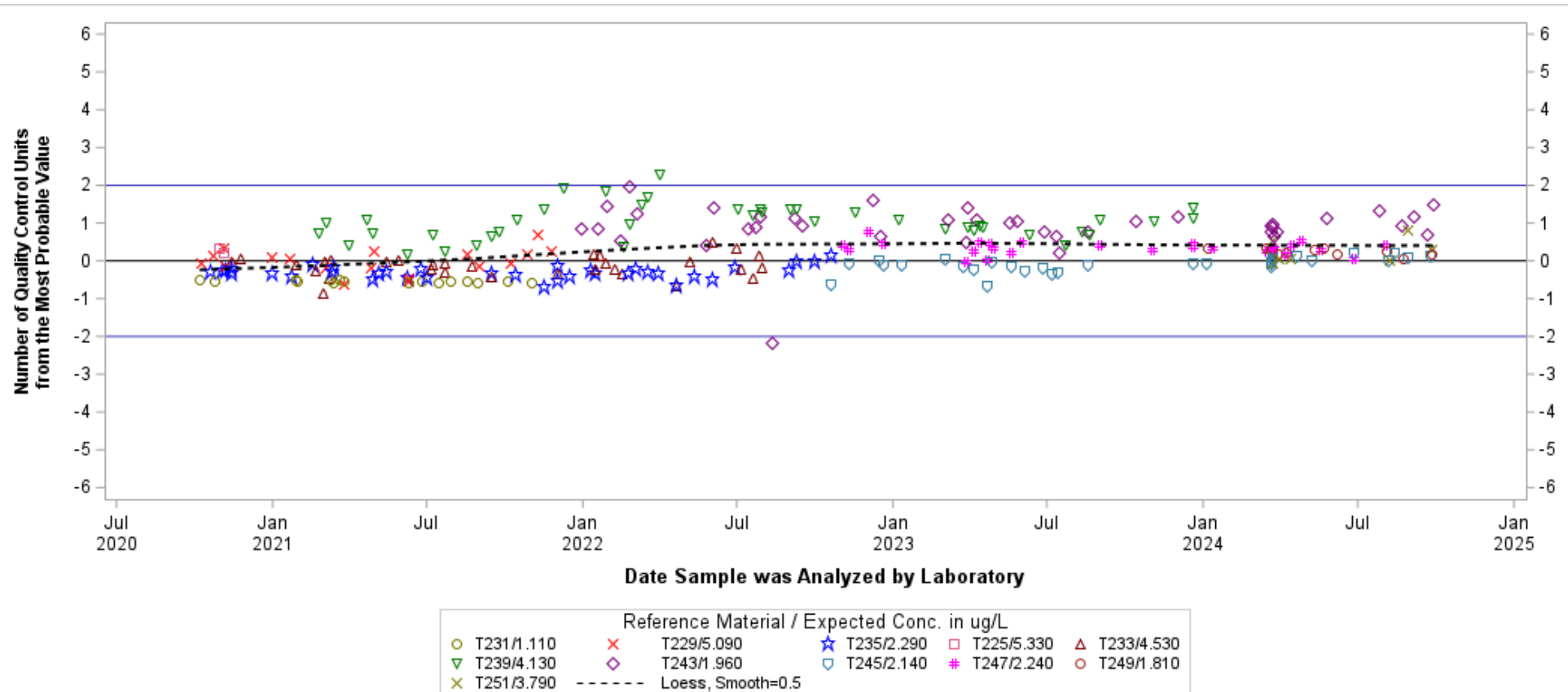
*Chart generated 04/23/2025*

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**- Selenium, fltd, cICP-MS -**  
**Lab: NWQL, PCode: 01145, MCode: PLM10**  
**Analysis Dates: 10/07/20 through 09/28/24**

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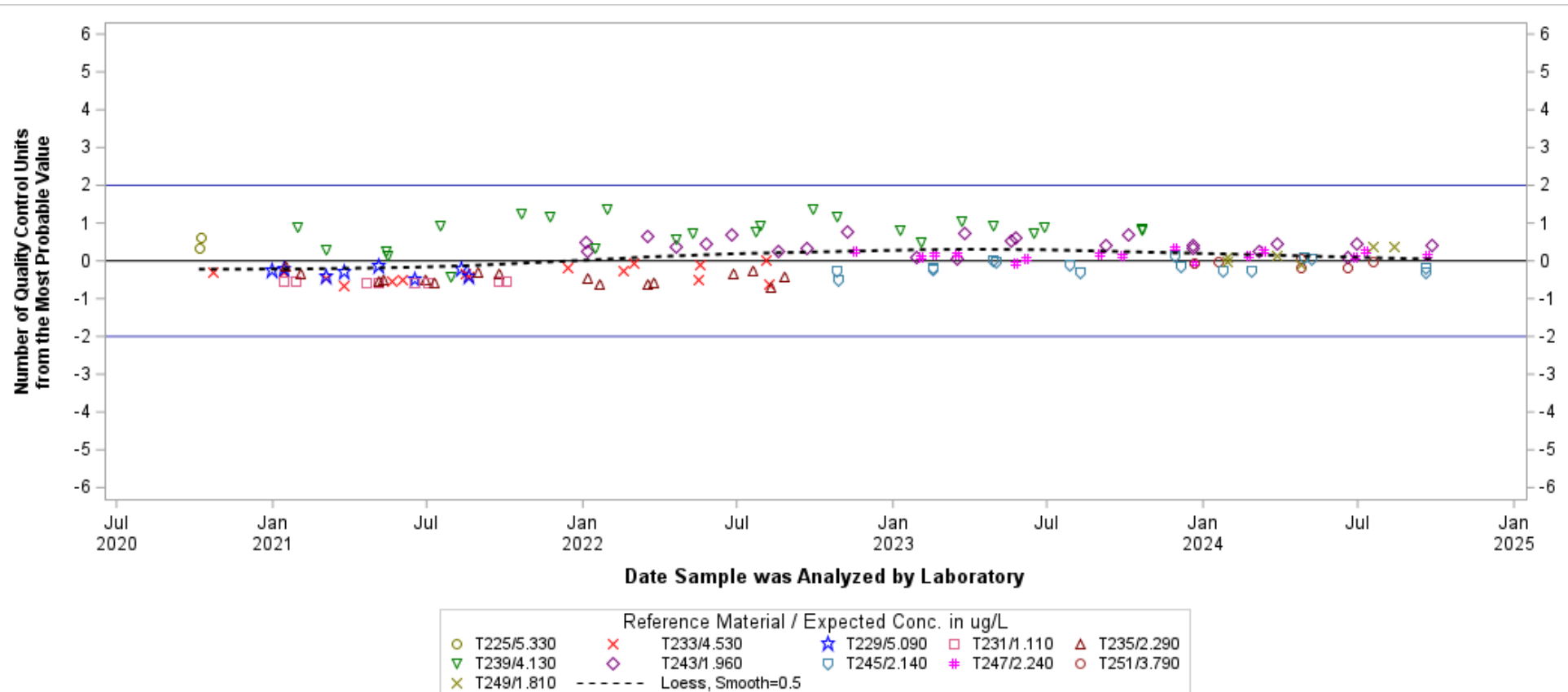
*Hover over any data point for detailed info.*

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**- Selenium, unfltd, cICP-MS, recov -**  
**Lab: NWQL, PCode: 01147, MCode: PLM77**  
 Analysis Dates: 10/06/20 through 09/25/24  
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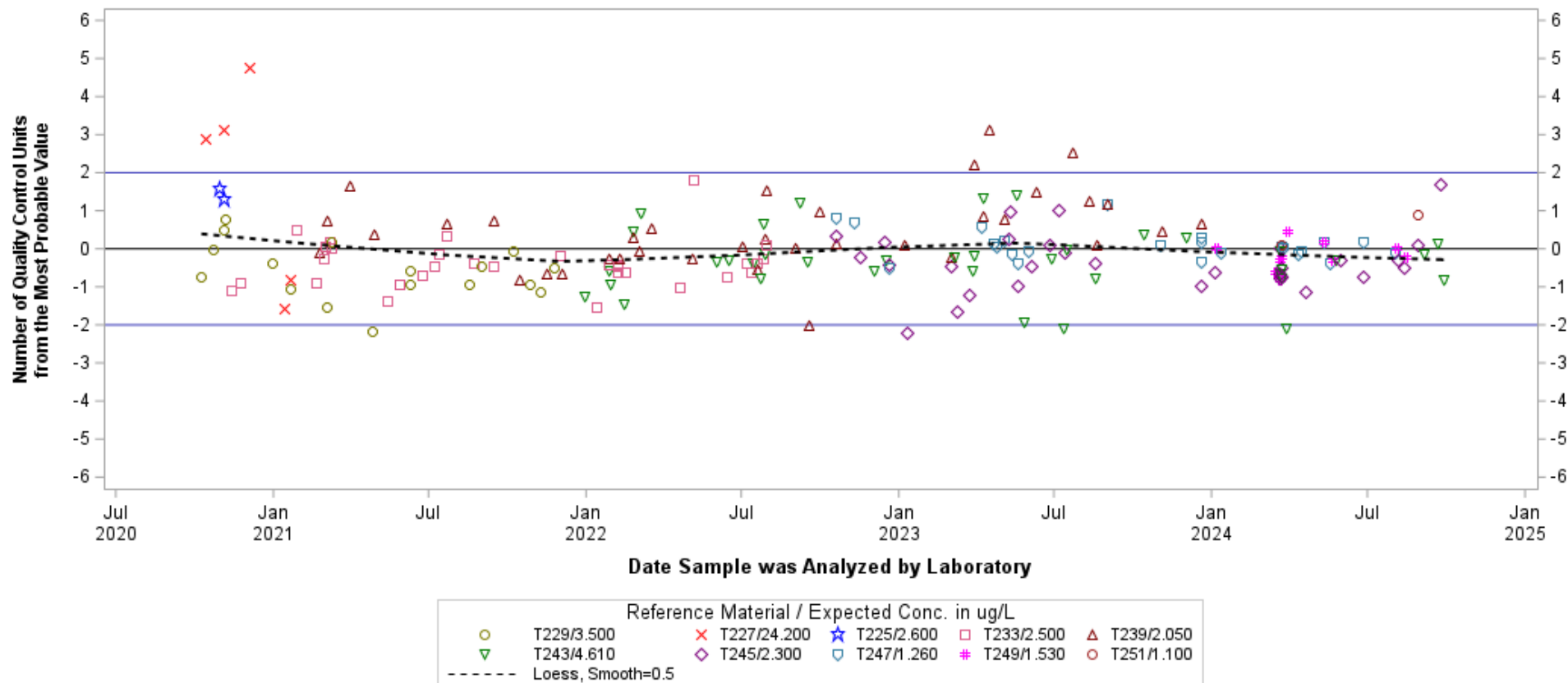
Hover over any data point for detailed info.

Chart generated 04/23/2025

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**- Silver, fltd, ICP-MS -****Lab: NWQL, PCode: 01075, MCode: PLM43**

Analysis Dates: 10/09/20 through 09/28/24

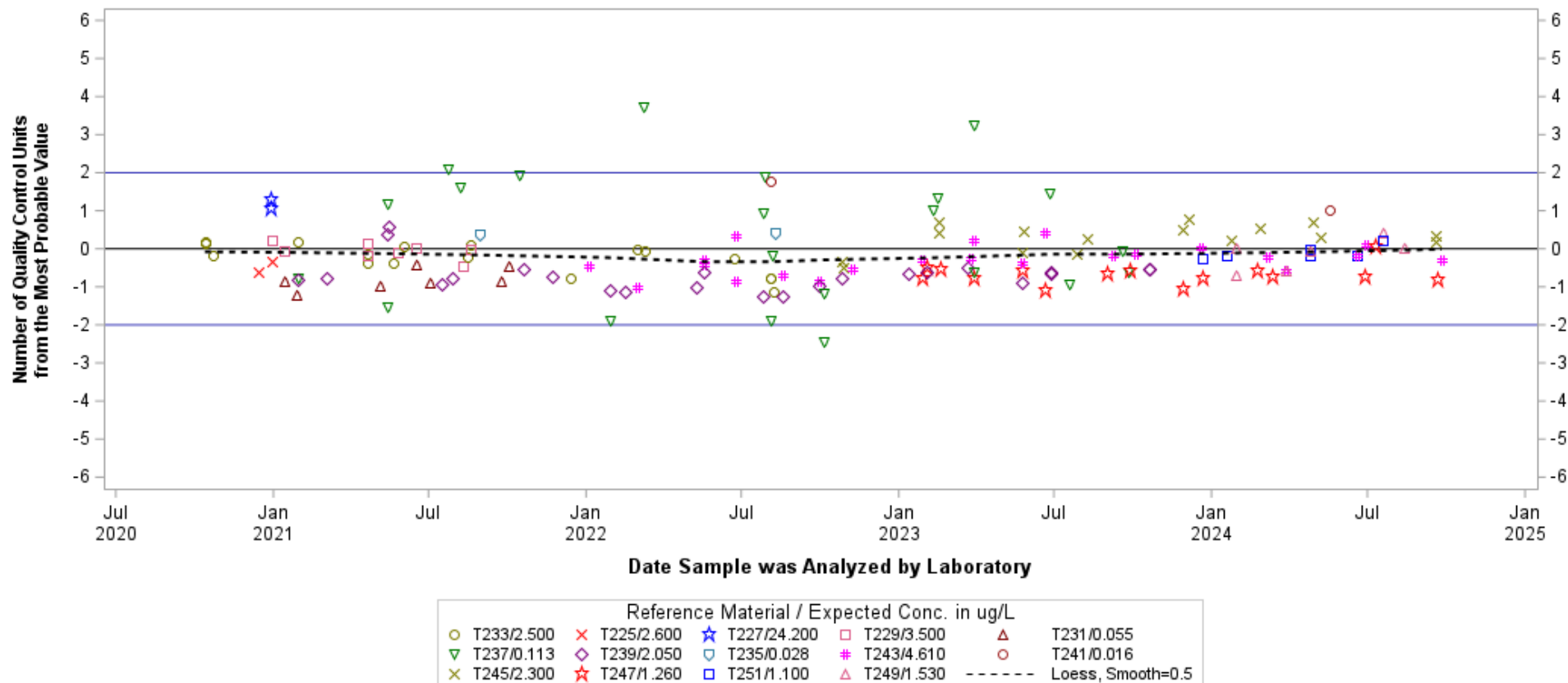
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**- Silver, unfltd, ICP-MS, recov -**  
**Lab: NWQL, PCode: 01077, MCode: PLM78**  
**Analysis Dates: 10/13/20 through 09/25/24**  
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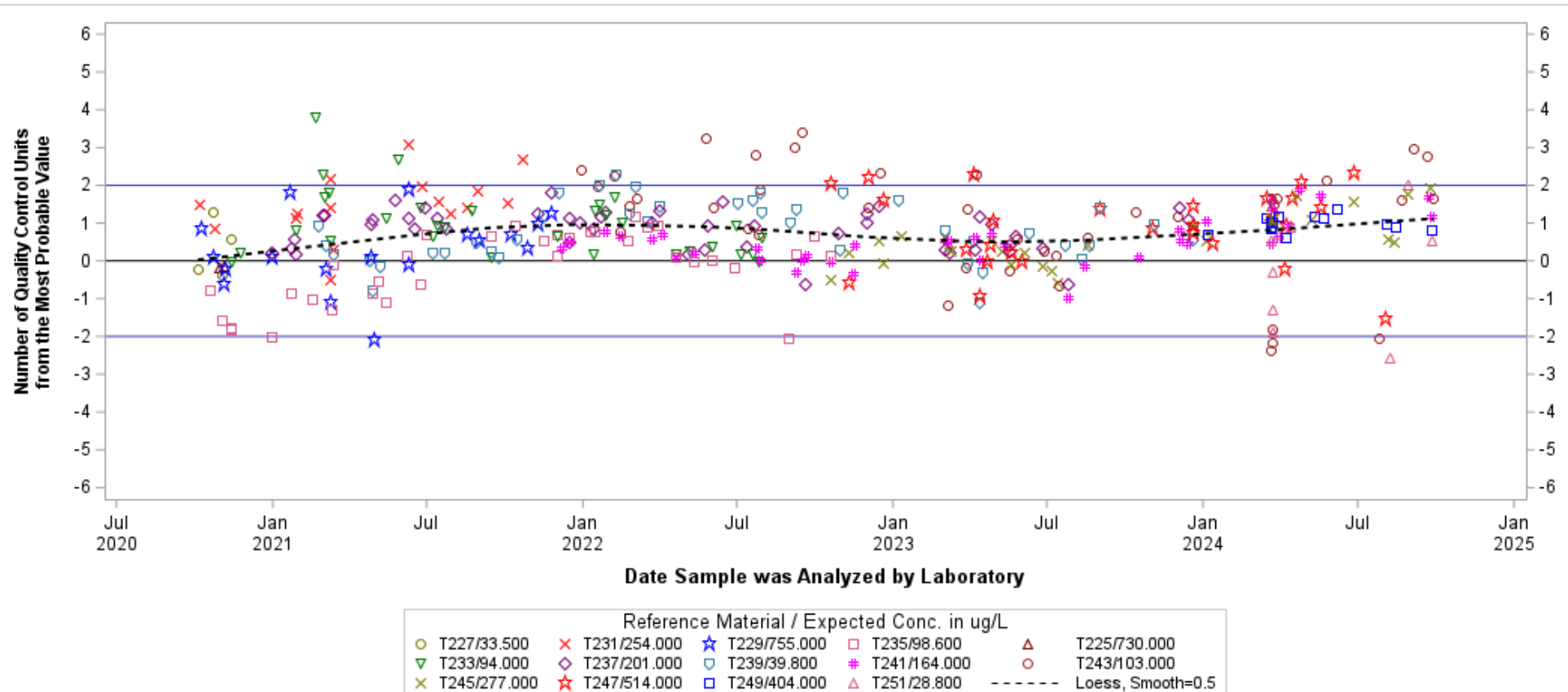


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*Chart generated 04/23/2025*

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**- Strontium, fltd, ICP-MS -**  
**Lab: NWQL, PCode: 01080, MCode: PLM40**  
**Analysis Dates: 10/05/20 through 09/28/24**  
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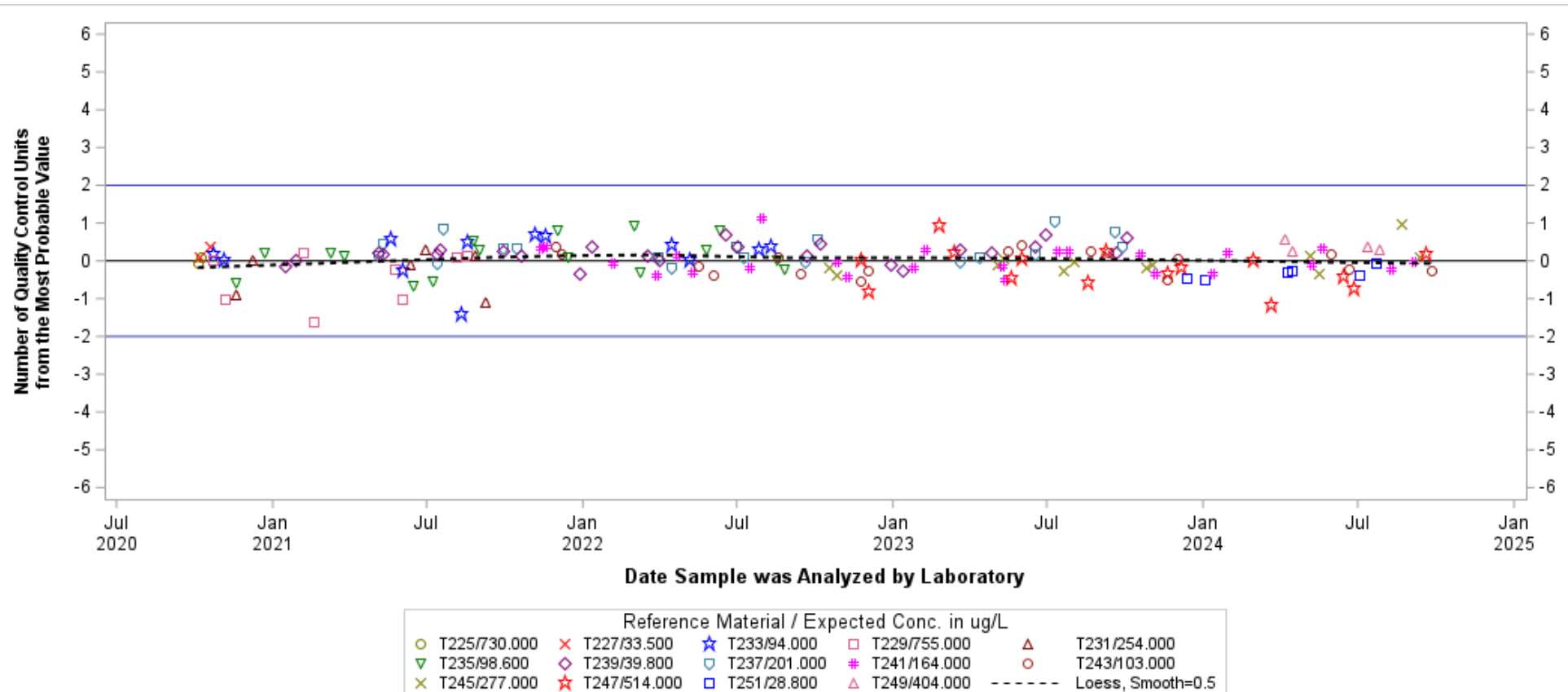


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*Chart generated 04/23/2025*

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**- Strontium, fltd, ICP-OES -**  
**Lab: NWQL, PCode: 01080, MCode: PLA11**  
**Analysis Dates: 10/05/20 through 09/25/24**  
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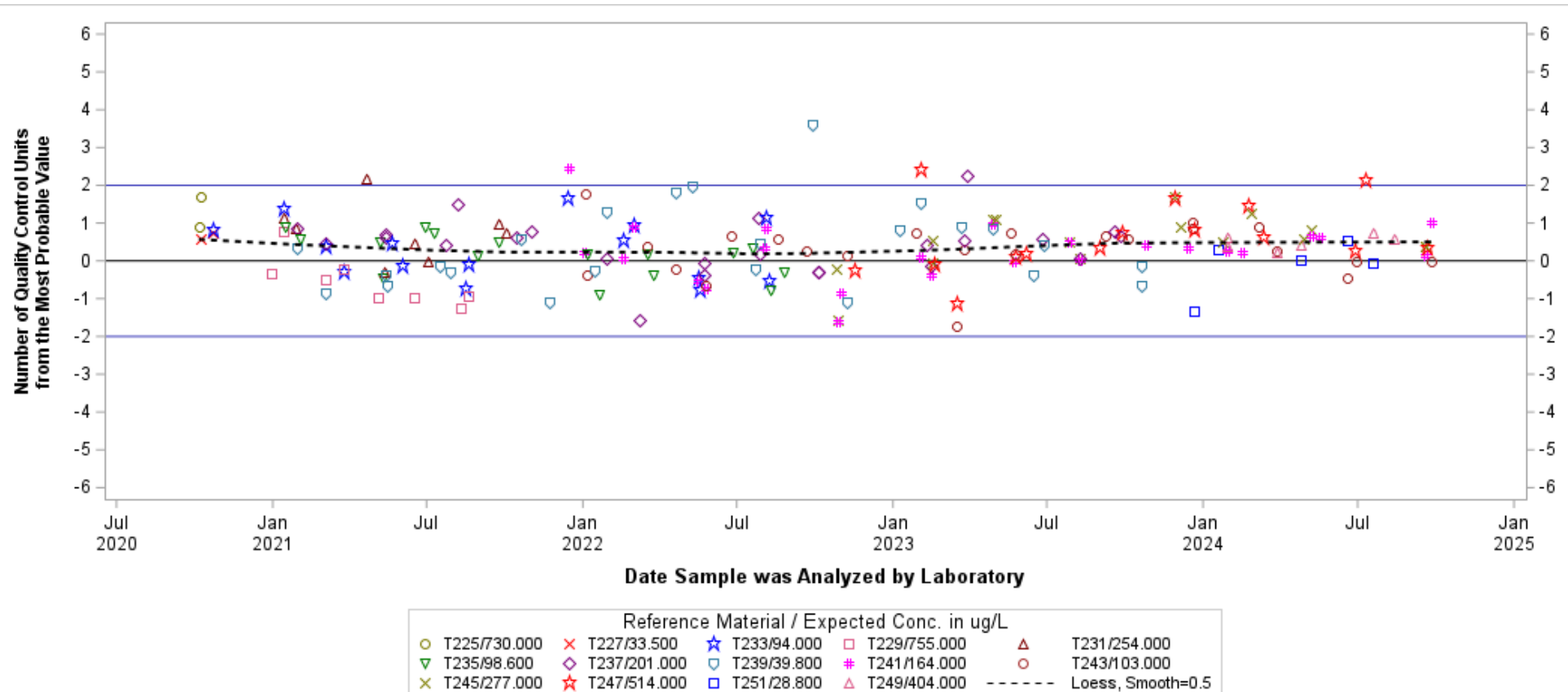


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Chart generated 04/23/2025

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**- Strontium, unfltd, ICP-MS, recov -**  
**Lab: NWQL, PCode: 01082, MCode: PLM78**  
**Analysis Dates: 10/06/20 through 09/25/24**  
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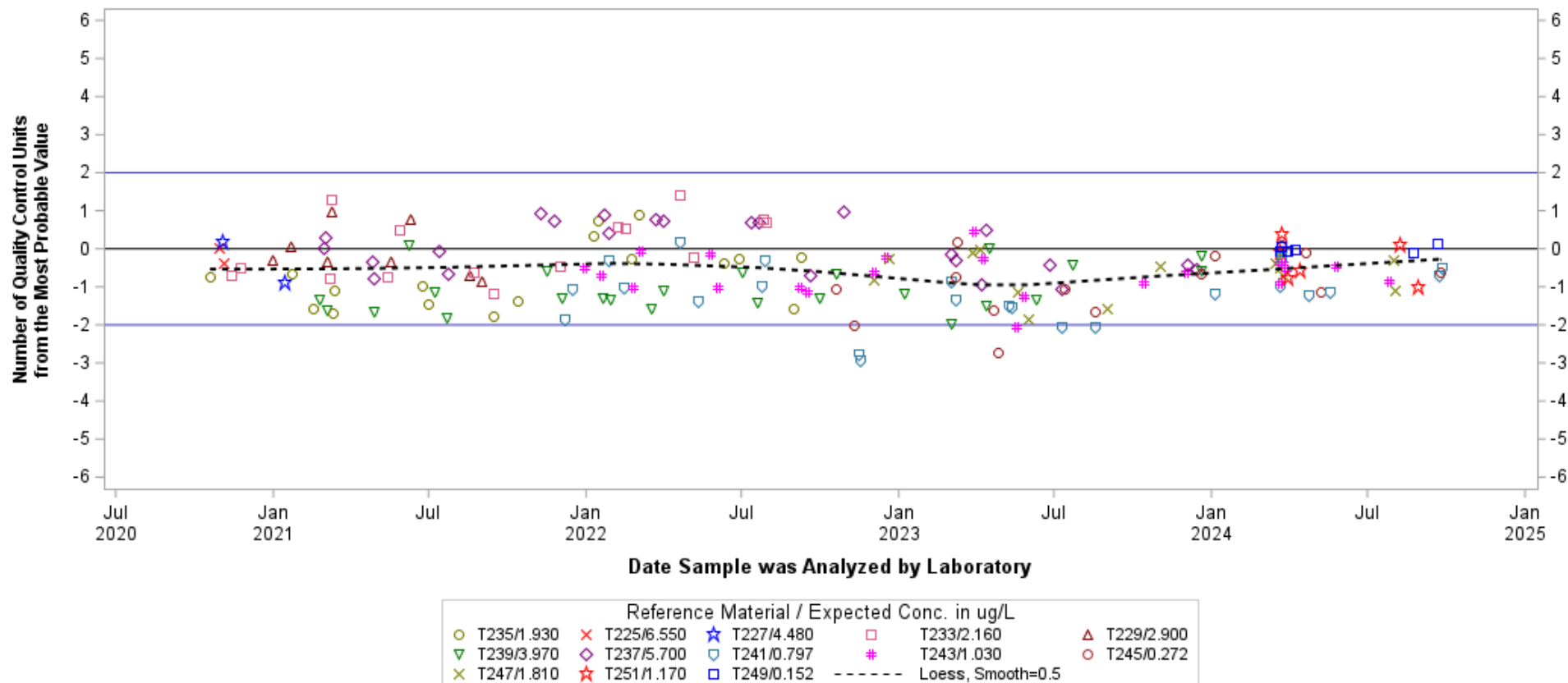


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**- Thallium, fltd, ICP-MS -**  
**Lab: NWQL, PCode: 01057, MCode: PLM40**  
**Analysis Dates: 10/19/20 through 09/25/24**  
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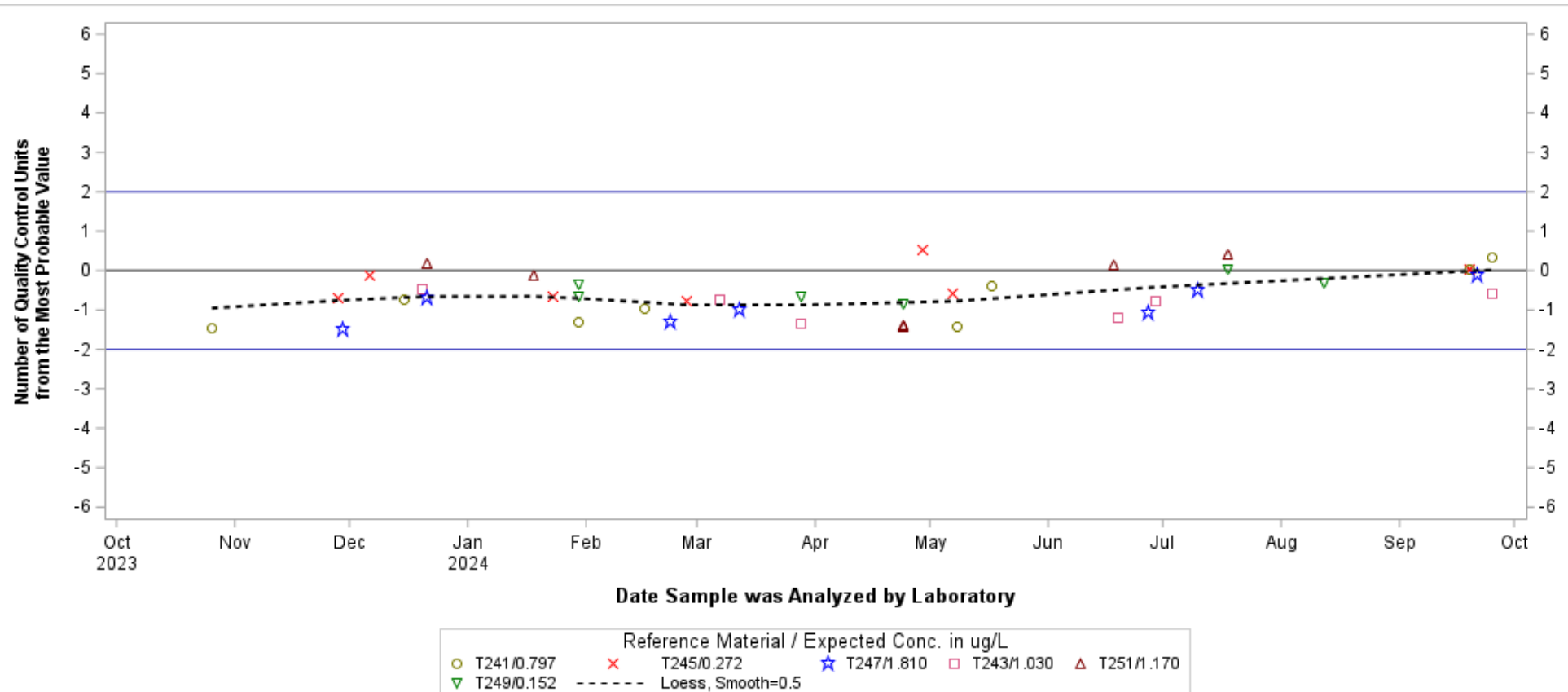


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**- Thallium, unfltd, ICP-MS, recov -**  
**Lab: NWQL, PCode: 01059, MCode: PLM78**  
 Analysis Dates: 10/26/23 through 09/25/24  
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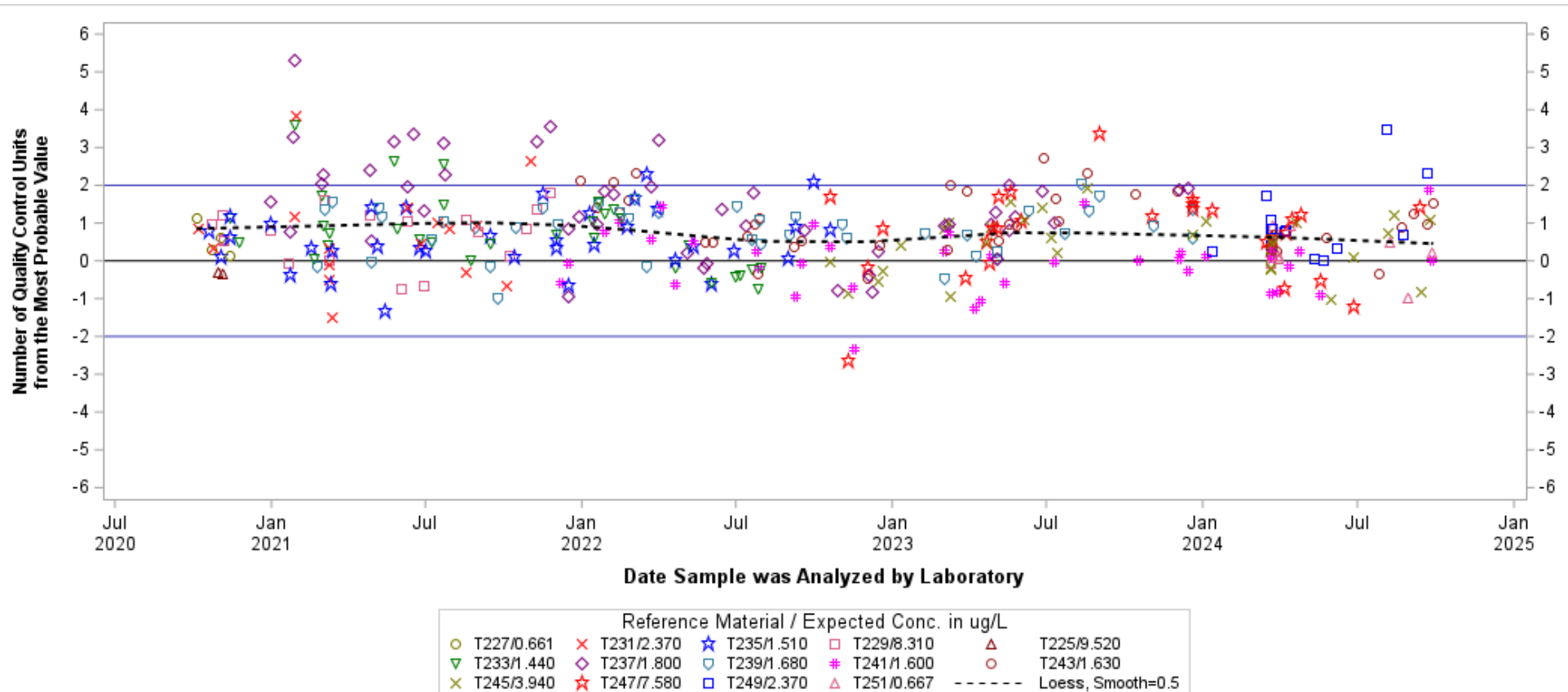
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**- Uranium, fltd, ICP-MS -**  
**Lab: NWQL, PCode: 22703, MCode: PLM43**  
**Analysis Dates: 10/05/20 through 09/28/24**  
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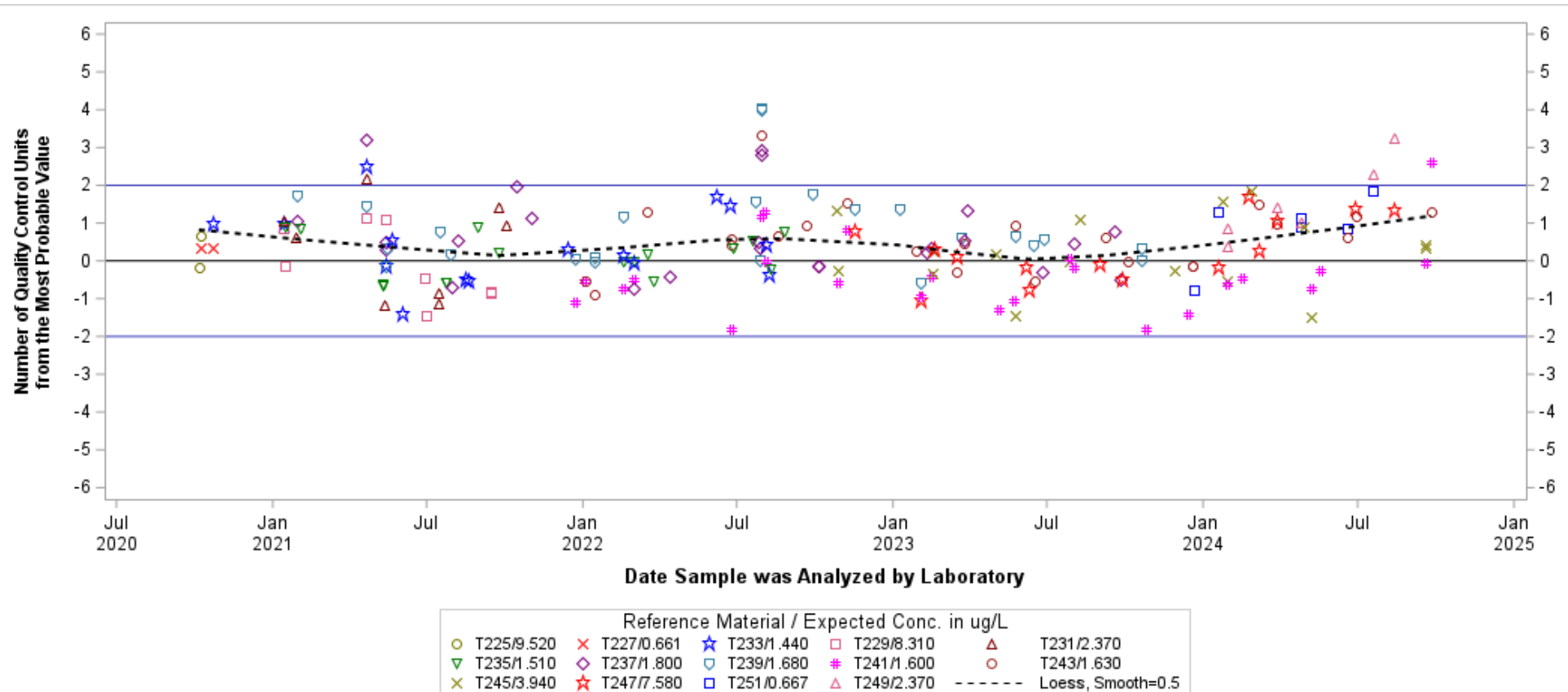
Chart generated 04/23/2025

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**- Uranium, unfltd, ICP-MS, recov -**  
**Lab: NWQL, PCode: 28011, MCode: PLM78**  
**Analysis Dates: 10/06/20 through 09/25/24**

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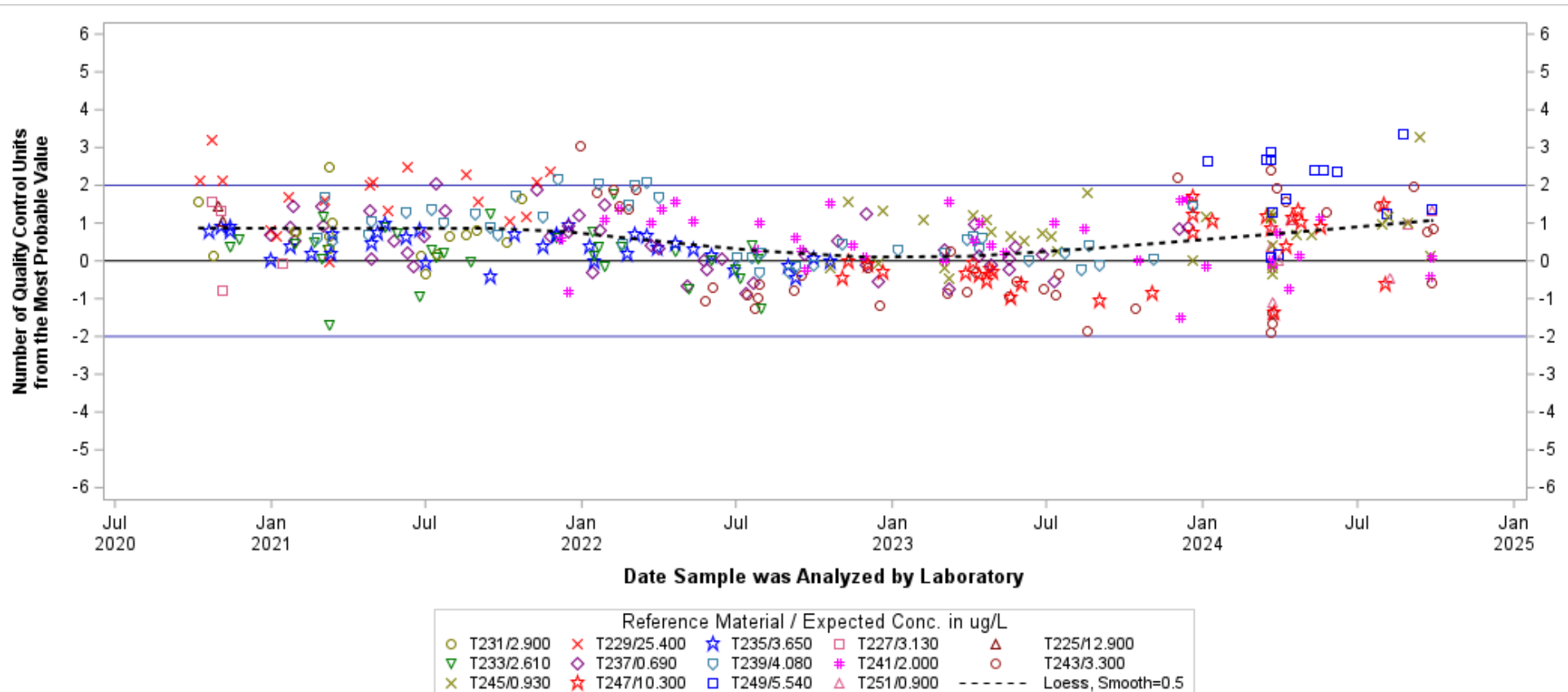


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**- Vanadium, fltd, cICP-MS -**  
**Lab: NWQL, PCode: 01085, MCode: PLM10**  
**Analysis Dates: 10/07/20 through 09/28/24**  
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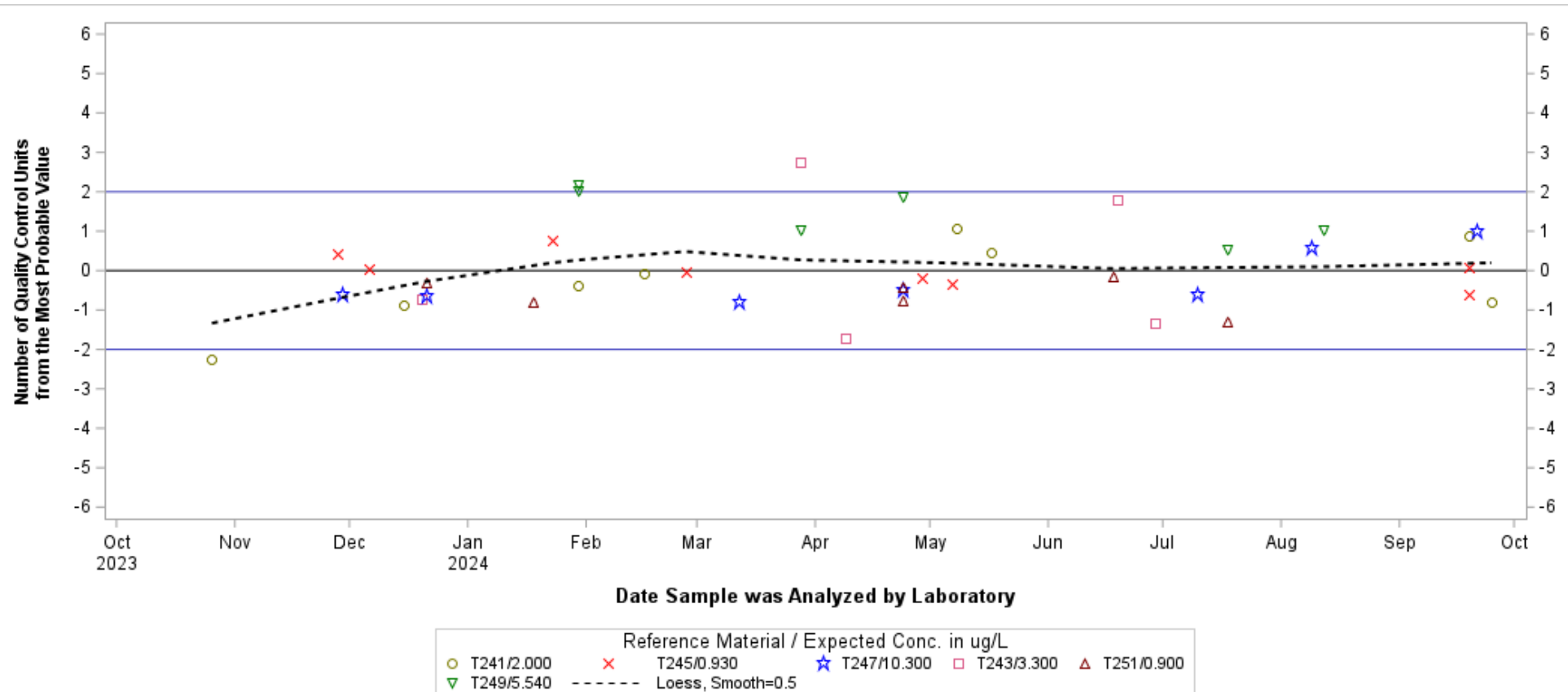


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**- Vanadium, unfltd, cICP-MS, recov -**  
**Lab: NWQL, PCode: 01087, MCode: PLM77**  
**Analysis Dates: 10/26/23 through 09/25/24**  
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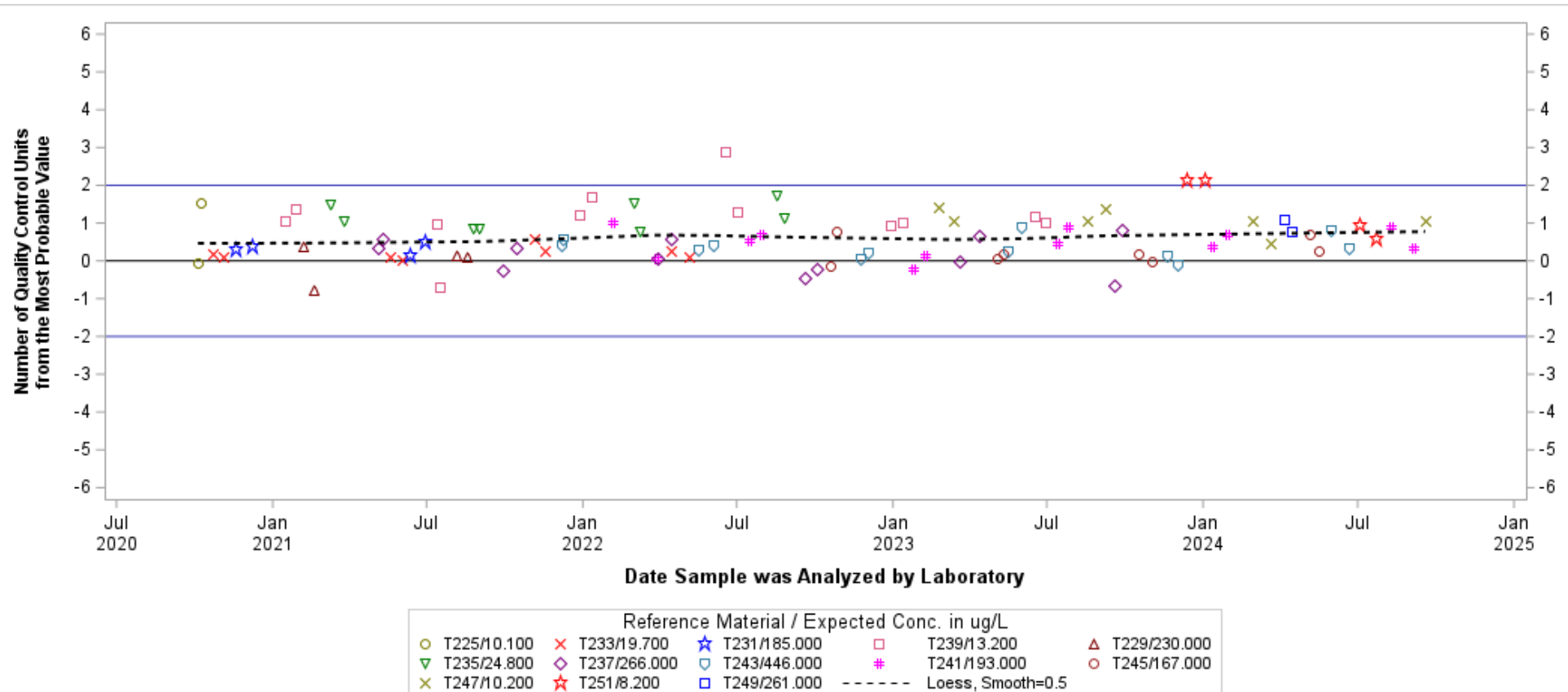


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**- Zinc, fltd, ICP-OES -**  
**Lab: NWQL, PCode: 01090, MCode: PLA11**  
**Analysis Dates: 10/05/20 through 09/18/24**  
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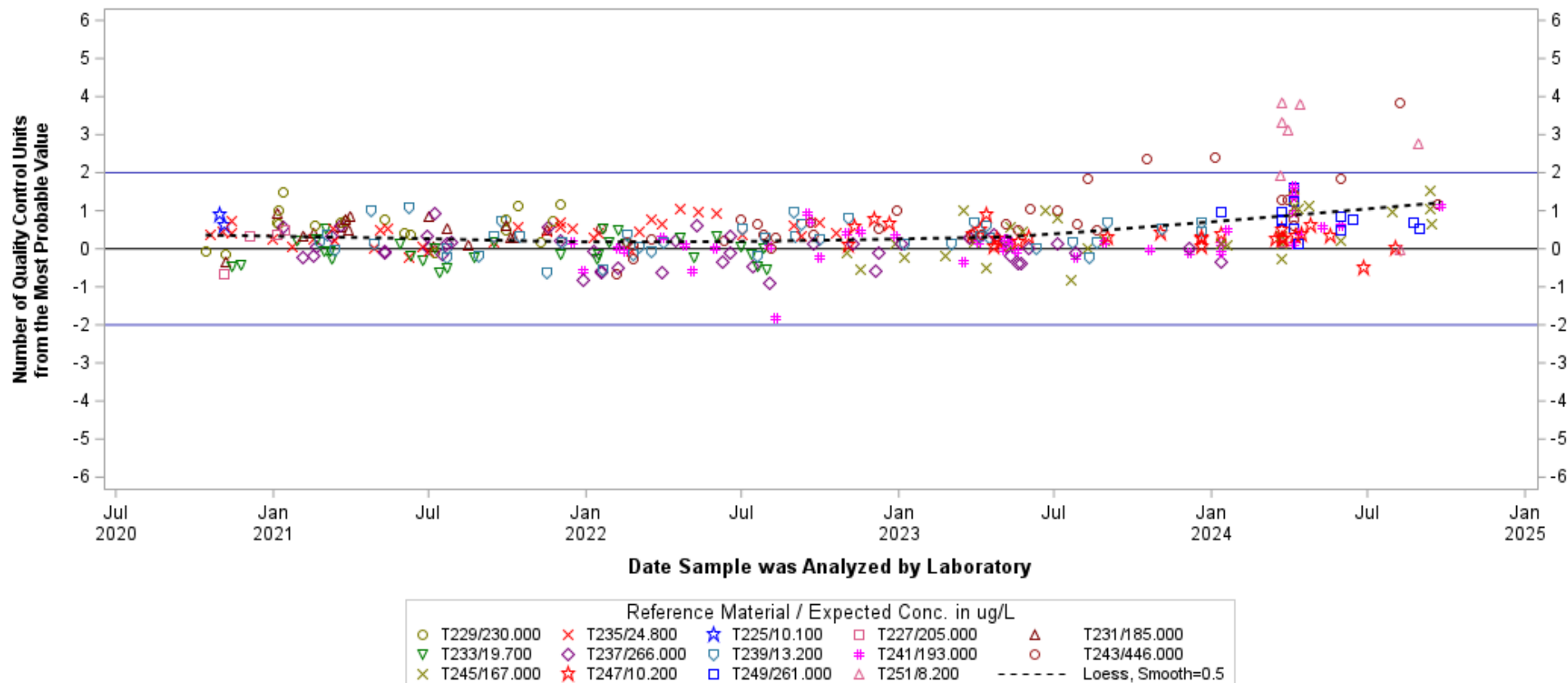


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**- Zinc, fltd, cICP-MS -**  
**Lab: NWQL, PCode: 01090, MCode: PLM10**  
**Analysis Dates: 10/14/20 through 09/24/24**  
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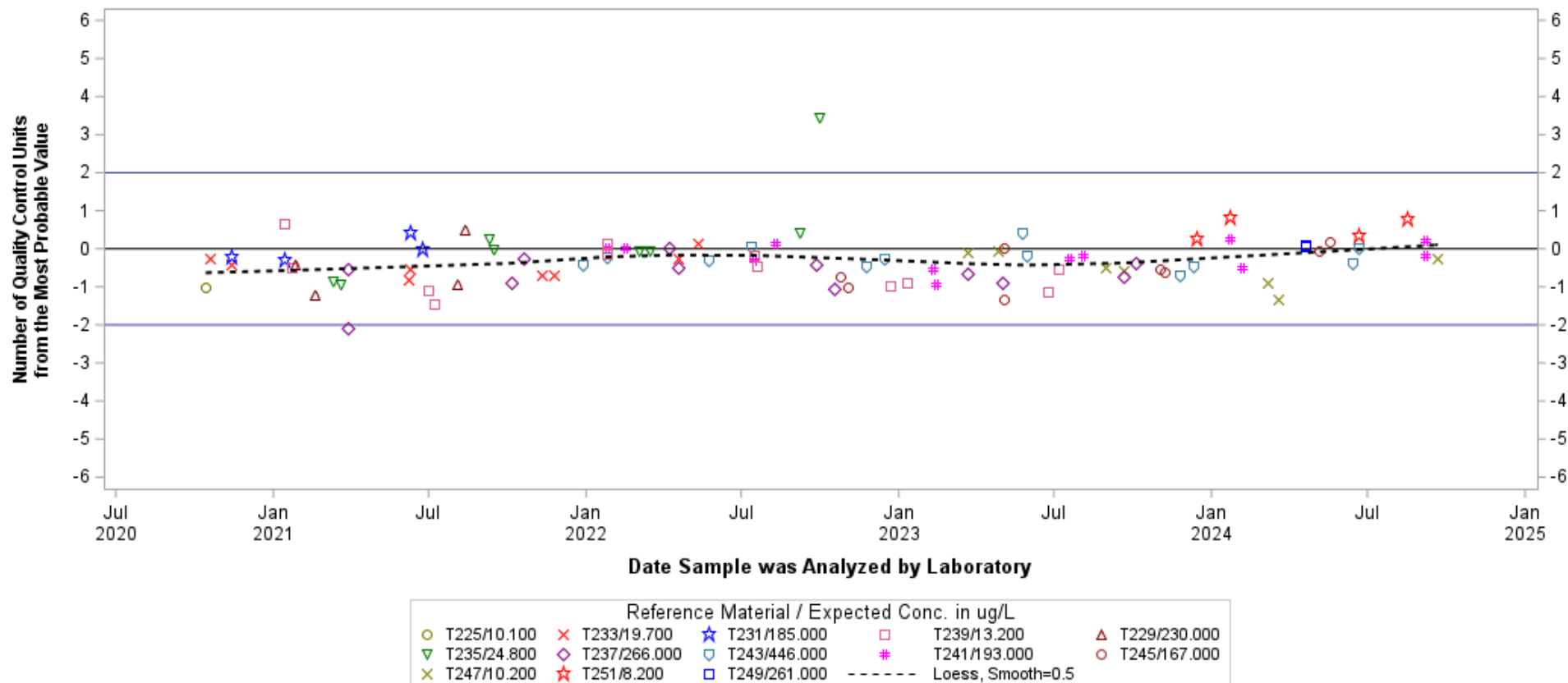


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**- Zinc, unfltd, ICP-OES, recov -**  
**Lab: NWQL, PCode: 01092, MCode: PLO07**  
**Analysis Dates: 10/14/20 through 09/21/24**  
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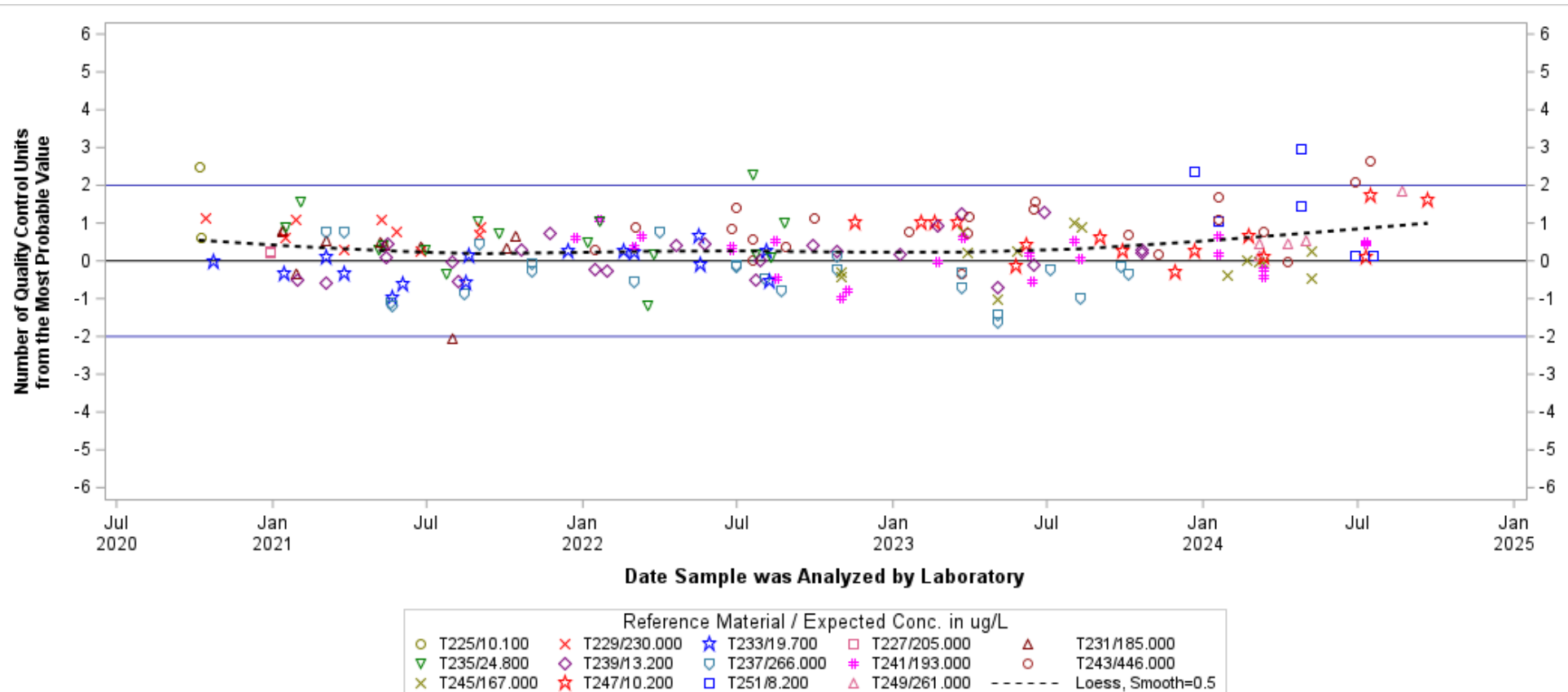


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**- Zinc, unfltd, cICP-MS, recov -**  
**Lab: NWQL, PCode: 01092, MCode: PLM77**  
**Analysis Dates: 10/06/20 through 09/21/24**  
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