

The Canadian Air and Precipitation Monitoring Network

Réseau canadien d'échantillonnage des précipitations et de l'air



CANADIAN AIR AND
PRECIPITATION MONITORING
NETWORK (CAPMoN)
RESEAU CANADIEN
D'ÉCHANTILLONNAGE DES
PRÉCIPITATIONS ET DE L'AIR
(RCEPA)

CAPMoN Air Filter: Invalidation Report 2013 - 2016

19MAY2017

Lab Comment Codes

Code=NYL01-Sample handling/analysis error



NYL=Nylon, TAA=Teflon Atomic Absorption, TIC=Teflon Ion Chromatography, W41=Whatman 41



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(RCEPA)

CAPMoN Air Filter: Invalidation Report 2013 - 2016

19MAY2017

Lab Comment Codes

Code=NYL02-Lab analysis/preparation error



NYL=Nylon, TAA=Teflon Atomic Absorption, TIC=Teflon Ion Chromatography, W41=Whatman 41



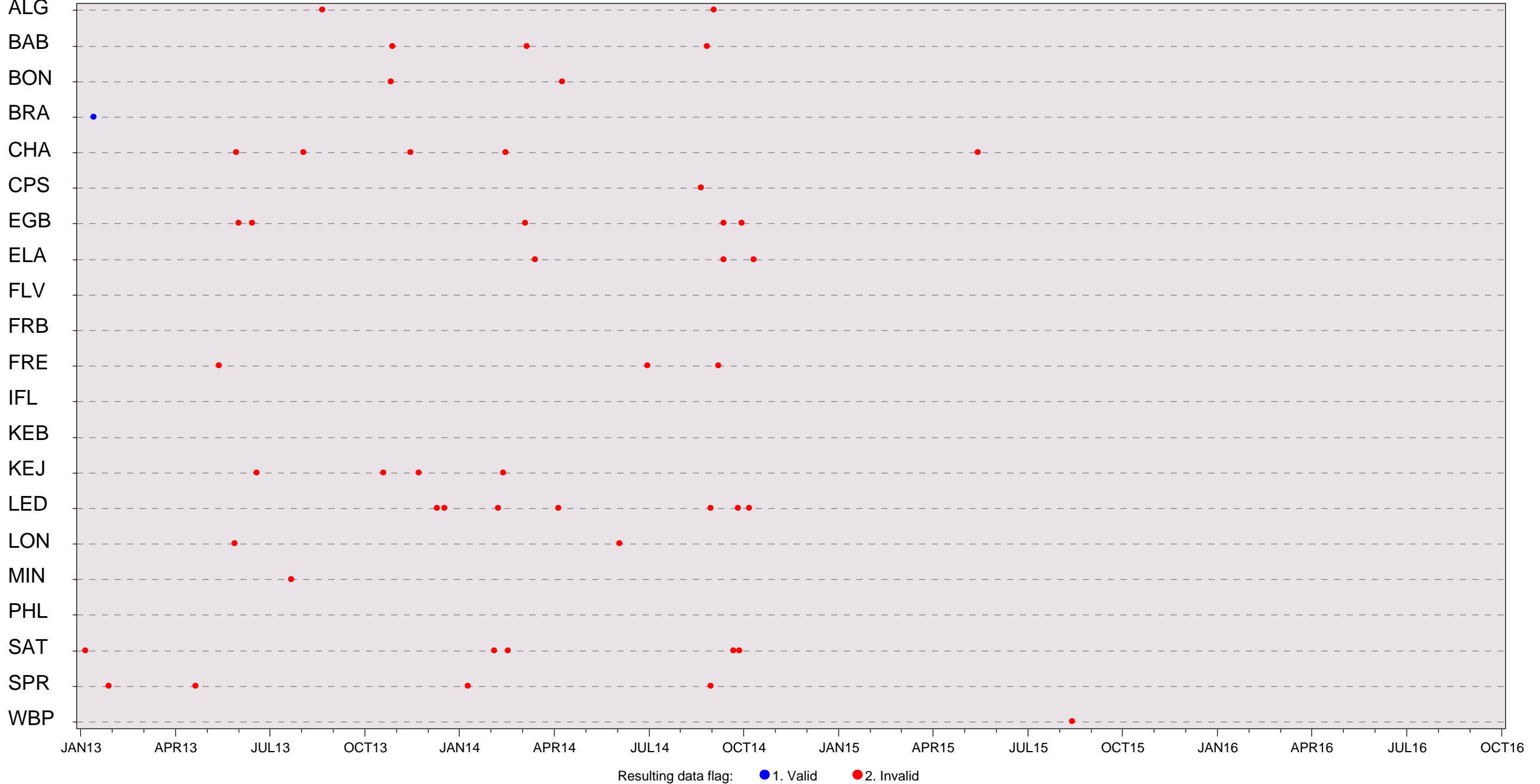
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(RCEPA)

CAPMoN Air Filter: Invalidation Report 2013 - 2016

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Lab Comment Codes

Code=NYL06-Condition may cause leak or breakthrough



NYL=Nylon, TAA=Teflon Atomic Absorption, TIC=Teflon Ion Chromatography, W41=Whatman 41



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CAPMoN Air Filter: Invalidation Report 2013 - 2016

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Lab Comment Codes

Code=NYL09-Filter discoloured



Resulting data flag: ● 1. Valid ● 2. Invalid

NYL=Nylon, TAA=Teflon Atomic Absorption, TIC=Teflon Ion Chromatography, W41=Whatman 41

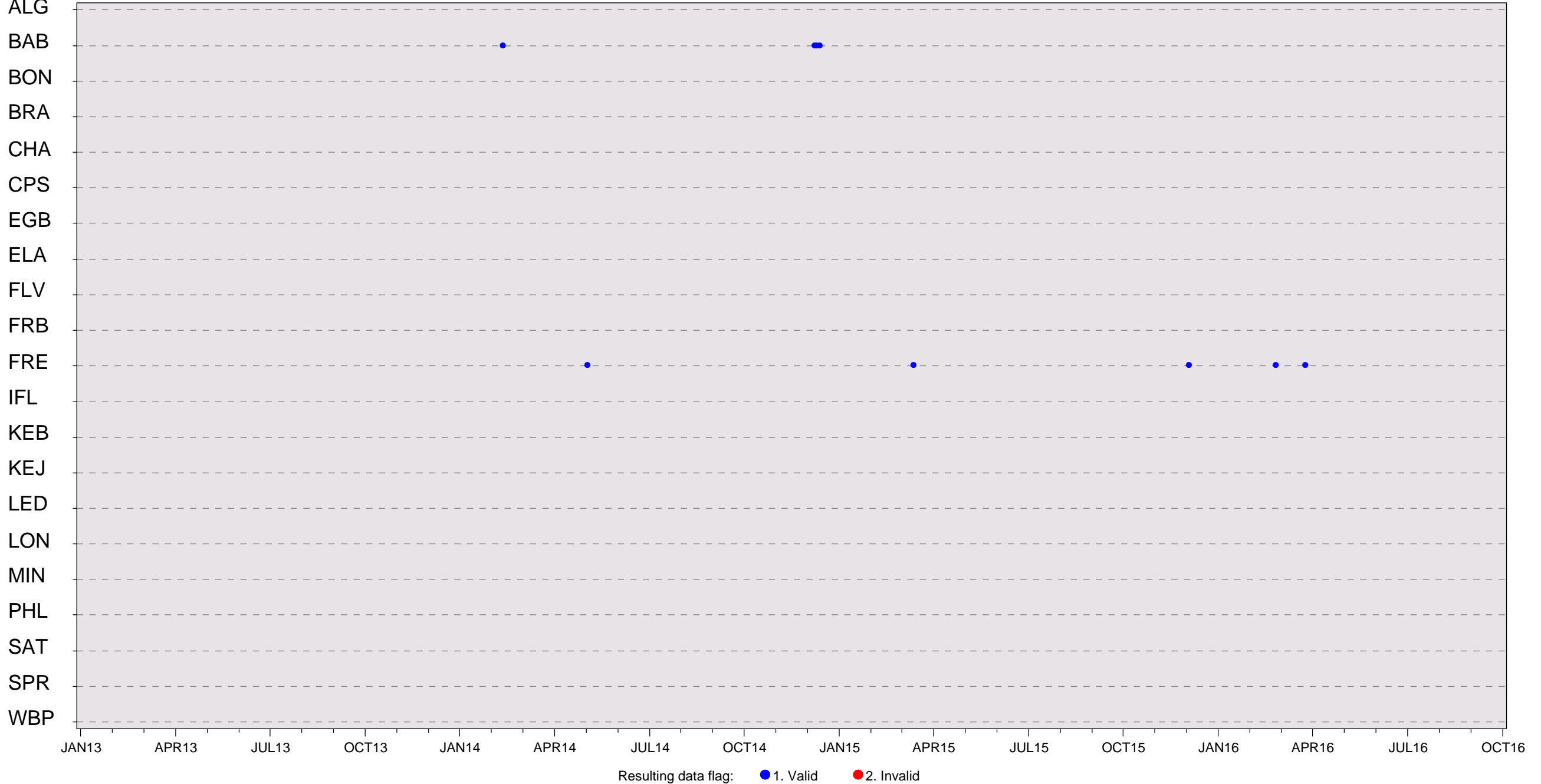


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CAPMoN Air Filter: Invalidation Report 2013 - 2016

19MAY2017

Lab Comment Codes
Code=NYL10-Filter wet



NYL=Nylon, TAA=Teflon Atomic Absorption, TIC=Teflon Ion Chromatography, W41=Whatman 41



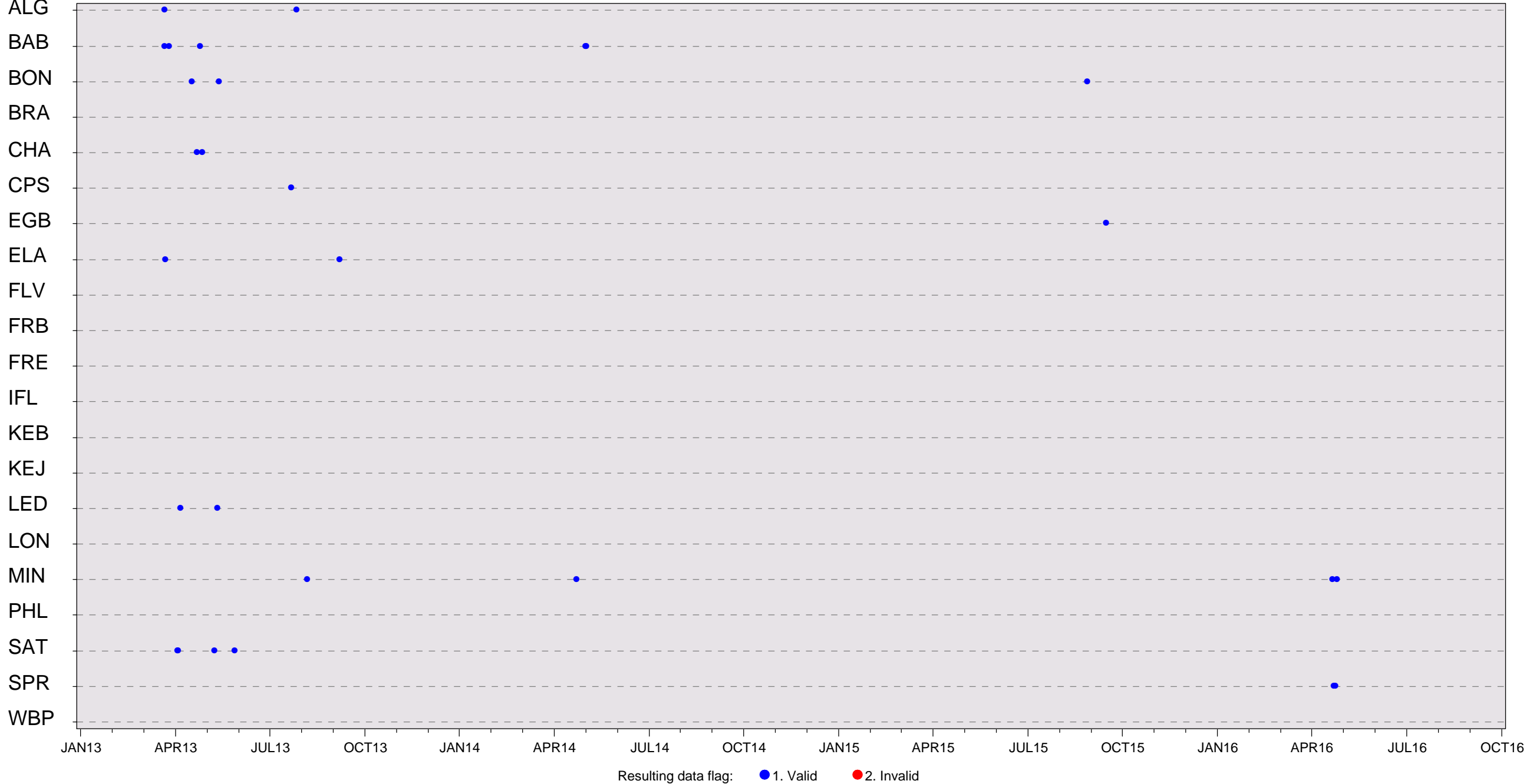
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CAPMoN Air Filter: Invalidation Report 2013 - 2016

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Lab Comment Codes

Code=NYL11-Cracked analysis tube



NYL=Nylon, TAA=Teflon Atomic Absorption, TIC=Teflon Ion Chromatography, W41=Whatman 41



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Lab Comment Codes

Code=NYL12-Biogenic contamination of sample



NYL=Nylon, TAA=Teflon Atomic Absorption, TIC=Teflon Ion Chromatography, W41=Whatman 41



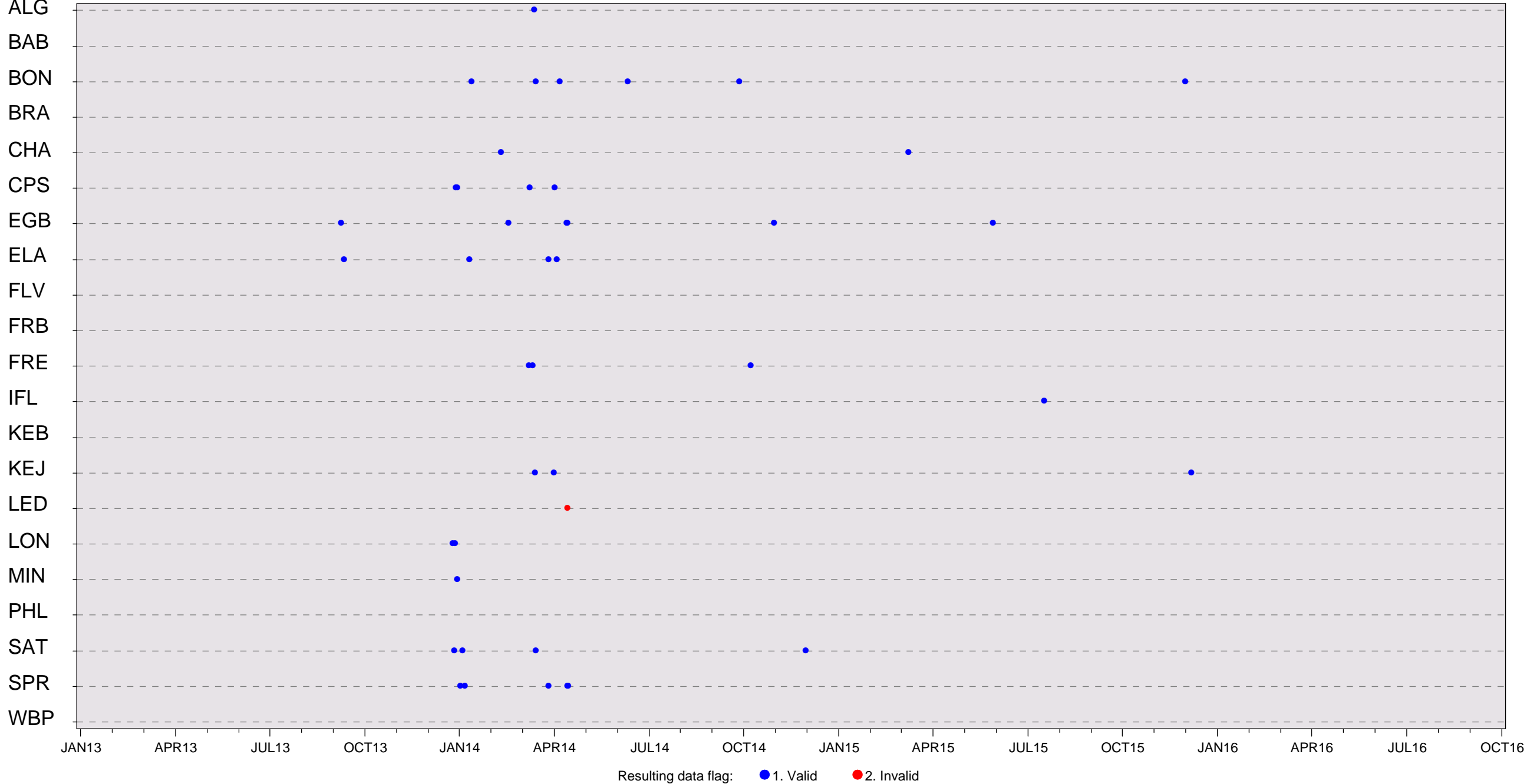
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Lab Comment Codes

Code=NYL13-Unexplained particulate



NYL=Nylon, TAA=Teflon Atomic Absorption, TIC=Teflon Ion Chromatography, W41=Whatman 41



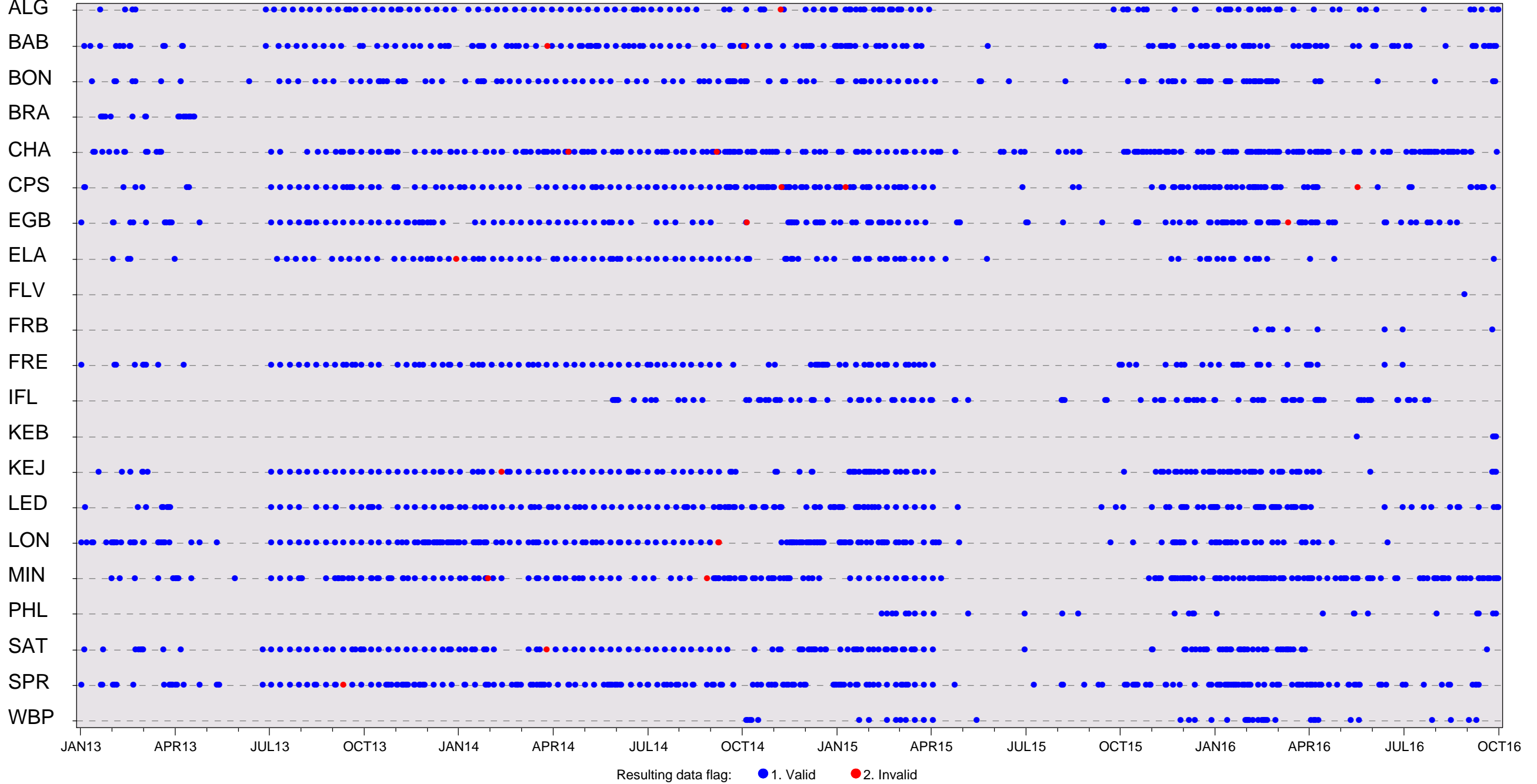
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Lab Comment Codes

Code=NYL16-Analysis repeated/confirmed



NYL=Nylon, TAA=Teflon Atomic Absorption, TIC=Teflon Ion Chromatography, W41=Whatman 41



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Lab Comment Codes

Code=NYL17-Analysis repeated/alterd



Resulting data flag: ● 1. Valid ● 2. Invalid

NYL=Nylon, TAA=Teflon Atomic Absorption, TIC=Teflon Ion Chromatography, W41=Whatman 41



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CAPMoN Air Filter: Invalidation Report 2013 - 2016

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Lab Comment Codes

Code=NYL18-Sample prep/handling error



Resulting data flag: ● 1. Valid ● 2. Invalid

NYL=Nylon, TAA=Teflon Atomic Absorption, TIC=Teflon Ion Chromatography, W41=Whatman 41



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Lab Comment Codes

Code=NYL19-Sample not received



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NYL=Nylon, TAA=Teflon Atomic Absorption, TIC=Teflon Ion Chromatography, W41=Whatman 41

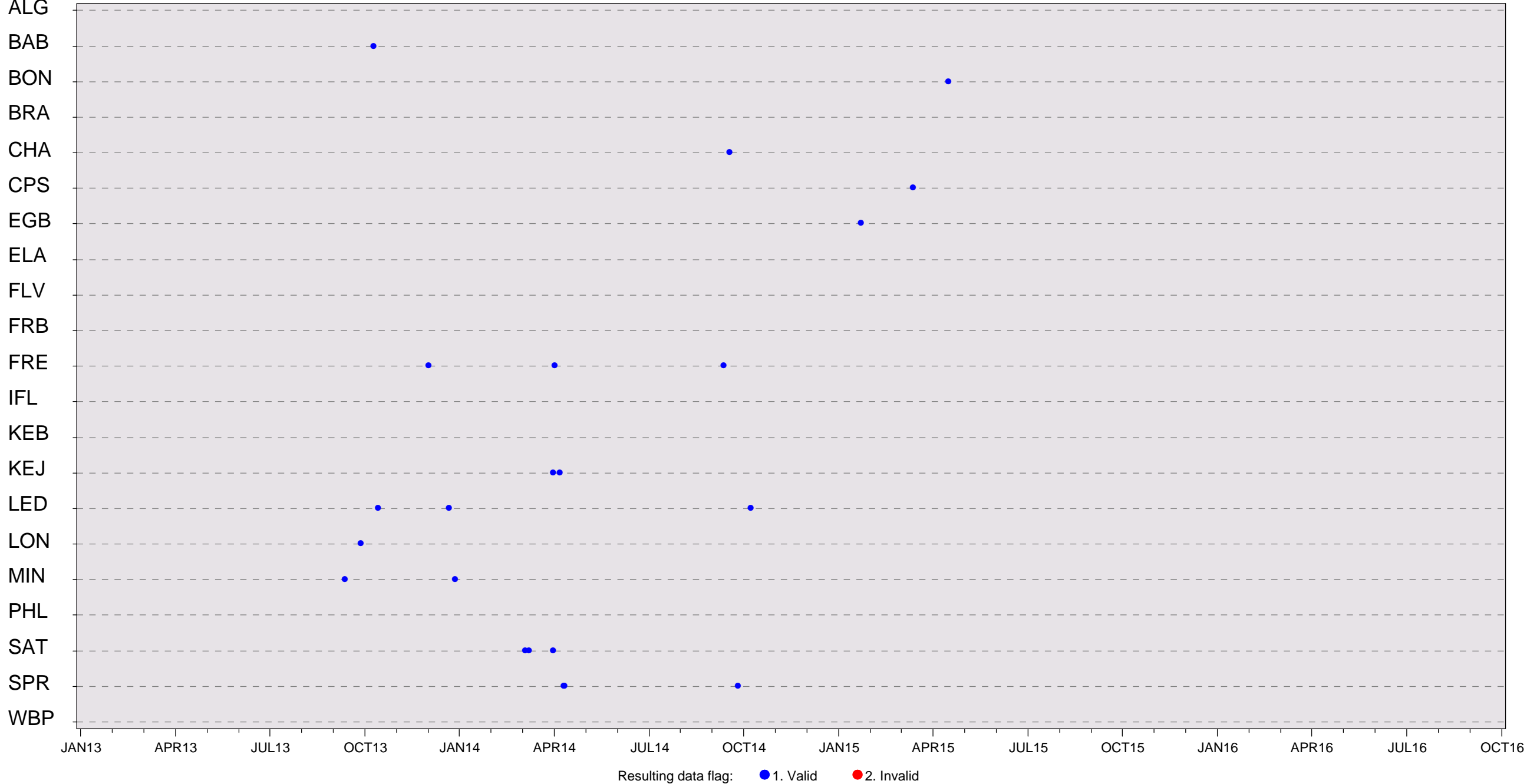


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Lab Comment Codes
Code=NYL20-Other



NYL=Nylon, TAA=Teflon Atomic Absorption, TIC=Teflon Ion Chromatography, W41=Whatman 41



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Lab Comment Codes

Code=NYL21-Chrom. checked, confirmed



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Lab Comment Codes

Code=NYL24-Water stain on filter-has been wet then dried



NYL=Nylon, TAA=Teflon Atomic Absorption, TIC=Teflon Ion Chromatography, W41=Whatman 41



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Lab Comment Codes

Code=NYL25-Filter fell onto lab bench



Resulting data flag: ● 1. Valid ● 2. Invalid

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Lab Comment Codes

Code=TAA03-Two filters, double blank corrected



Resulting data flag: ● 1. Valid ● 2. Invalid

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Lab Comment Codes

Code=TAA06-Condition may cause leak or breakthrough



Resulting data flag: ● 1. Valid ● 2. Invalid

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Lab Comment Codes

Code=TAA09-Filter discoloured



Resulting data flag: ● 1. Valid ● 2. Invalid

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Lab Comment Codes

Code=TAA10-Filter wet



Resulting data flag: ● 1. Valid ● 2. Invalid

NYL=Nylon, TAA=Teflon Atomic Absorption, TIC=Teflon Ion Chromatography, W41=Whatman 41



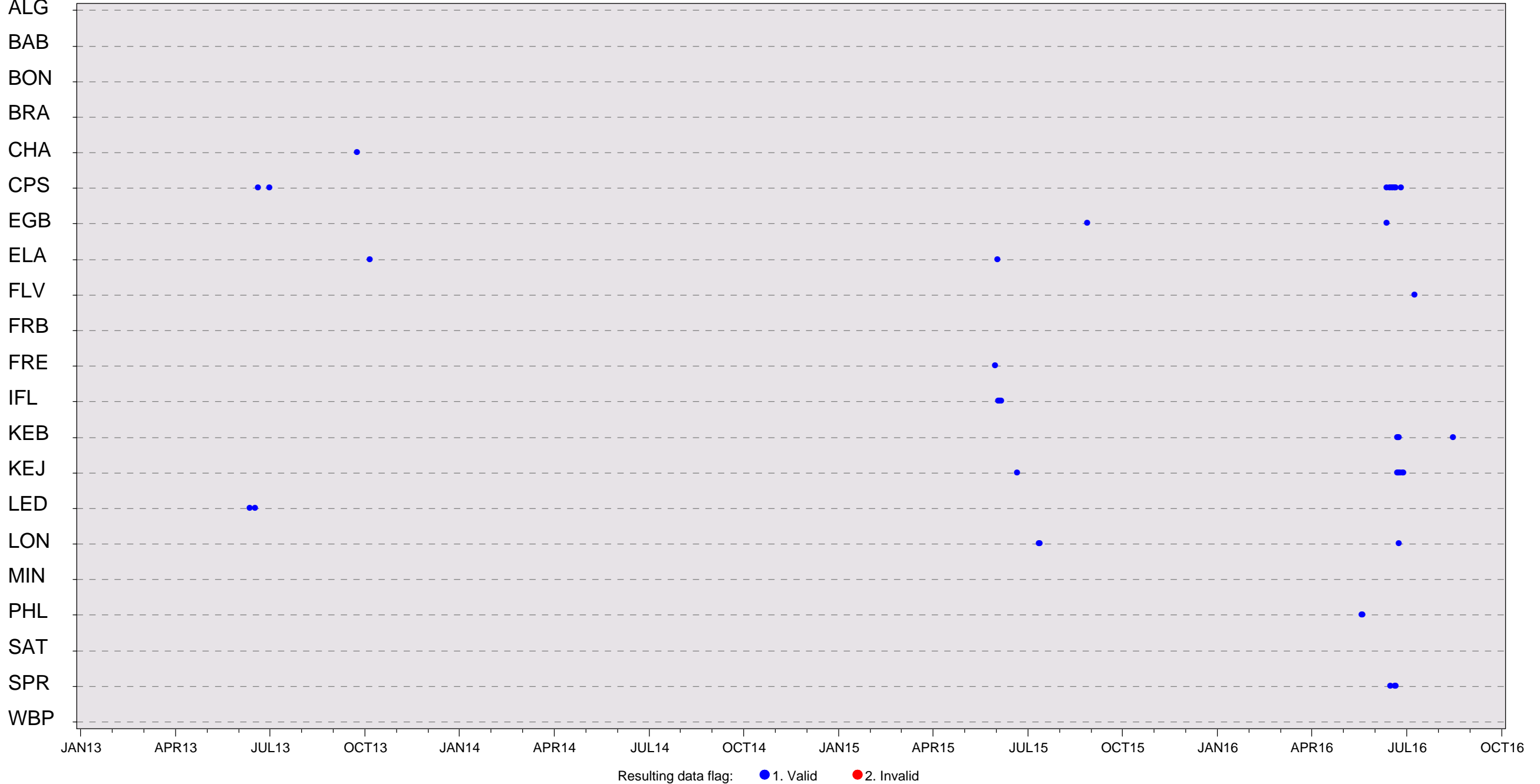
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Lab Comment Codes

Code=TAA12-Biogenic contamination of sample



NYL=Nylon, TAA=Teflon Atomic Absorption, TIC=Teflon Ion Chromatography, W41=Whatman 41



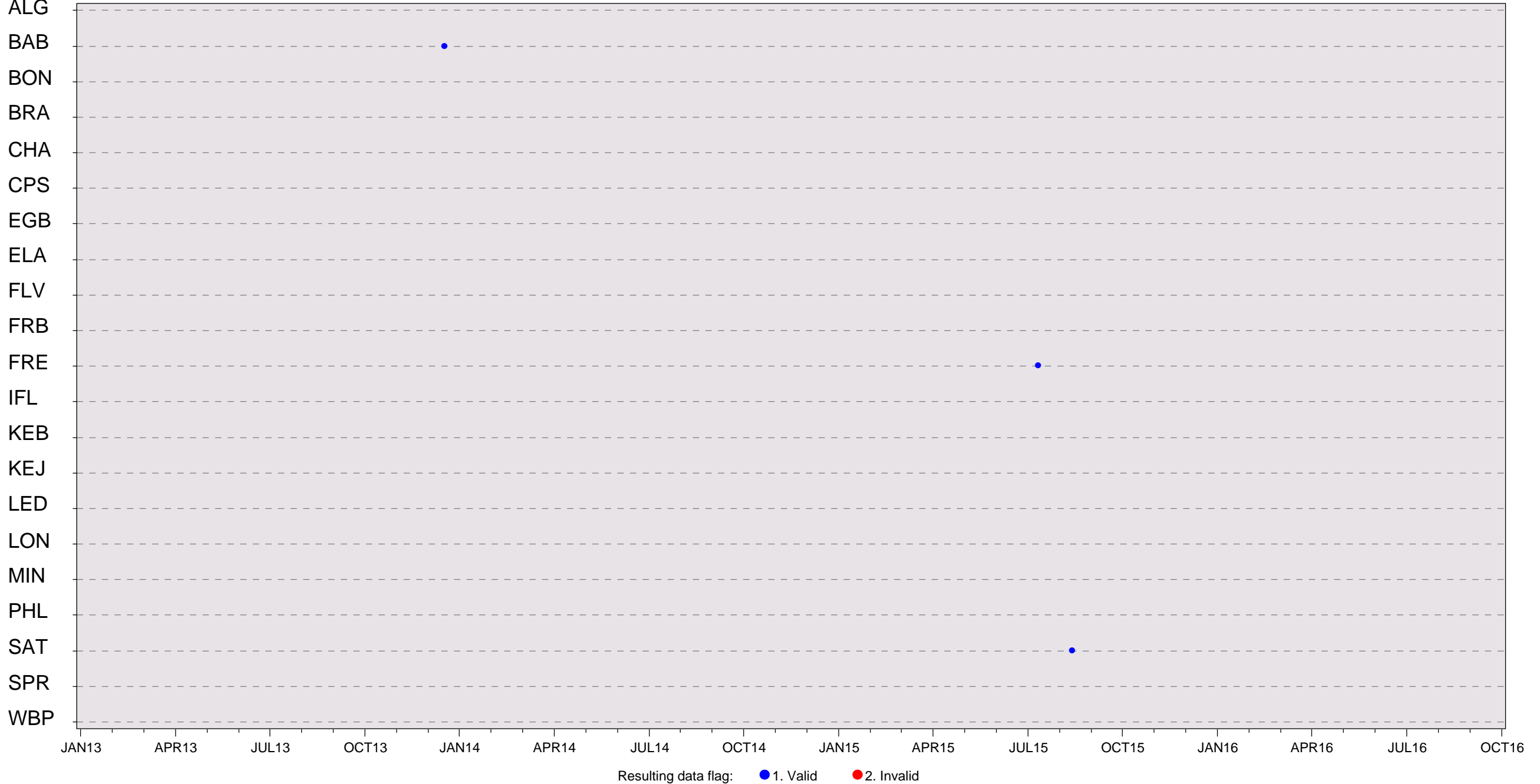
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Lab Comment Codes

Code=TAA13-Unexplained particulate



Resulting data flag: ● 1. Valid ● 2. Invalid

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Lab Comment Codes

Code=TAA15-Analytical method change



Resulting data flag: ● 1. Valid ● 2. Invalid

NYL=Nylon, TAA=Teflon Atomic Absorption, TIC=Teflon Ion Chromatography, W41=Whatman 41



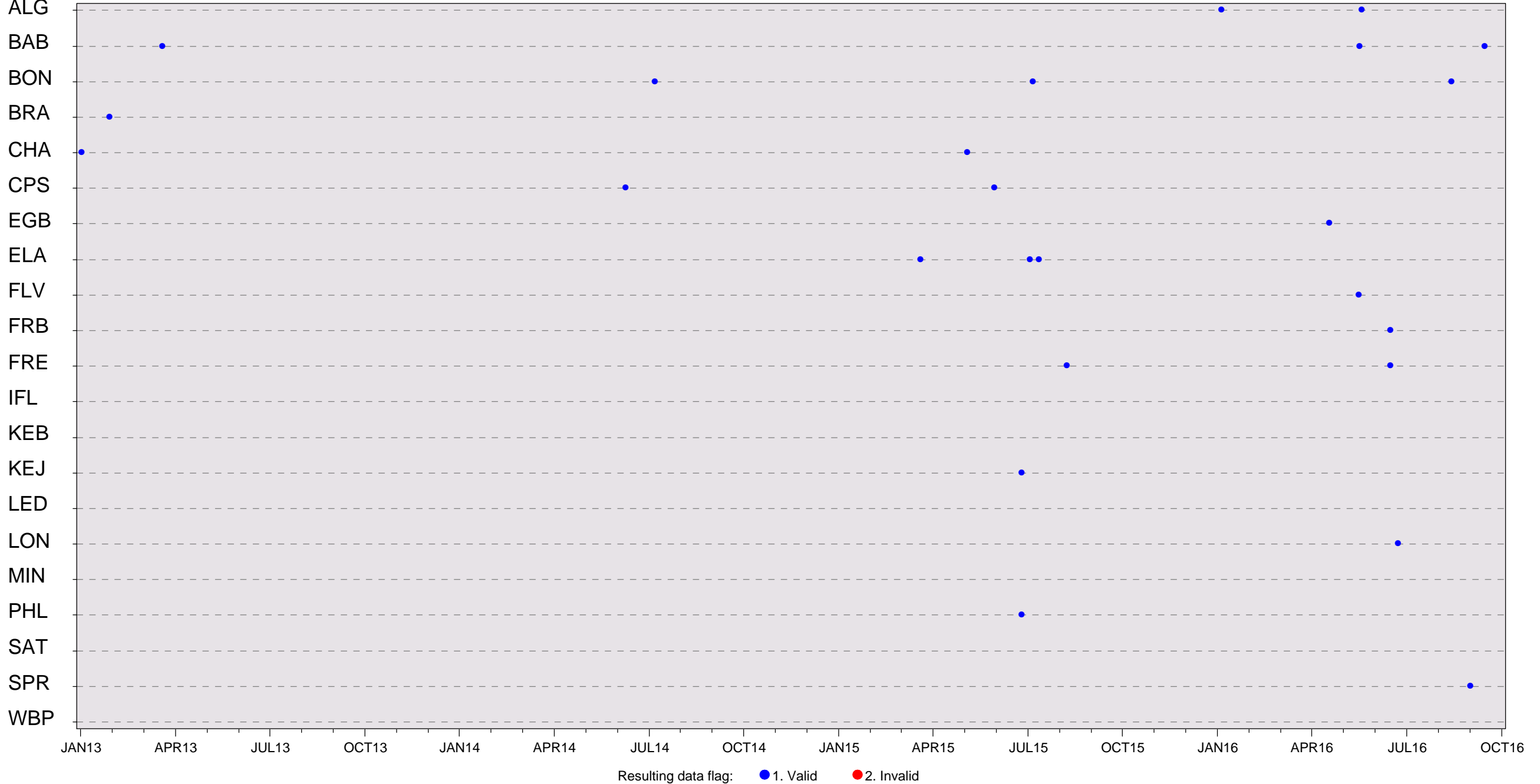
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Lab Comment Codes

Code=TAA16-Analysis repeated/confirmed



NYL=Nylon, TAA=Teflon Atomic Absorption, TIC=Teflon Ion Chromatography, W41=Whatman 41

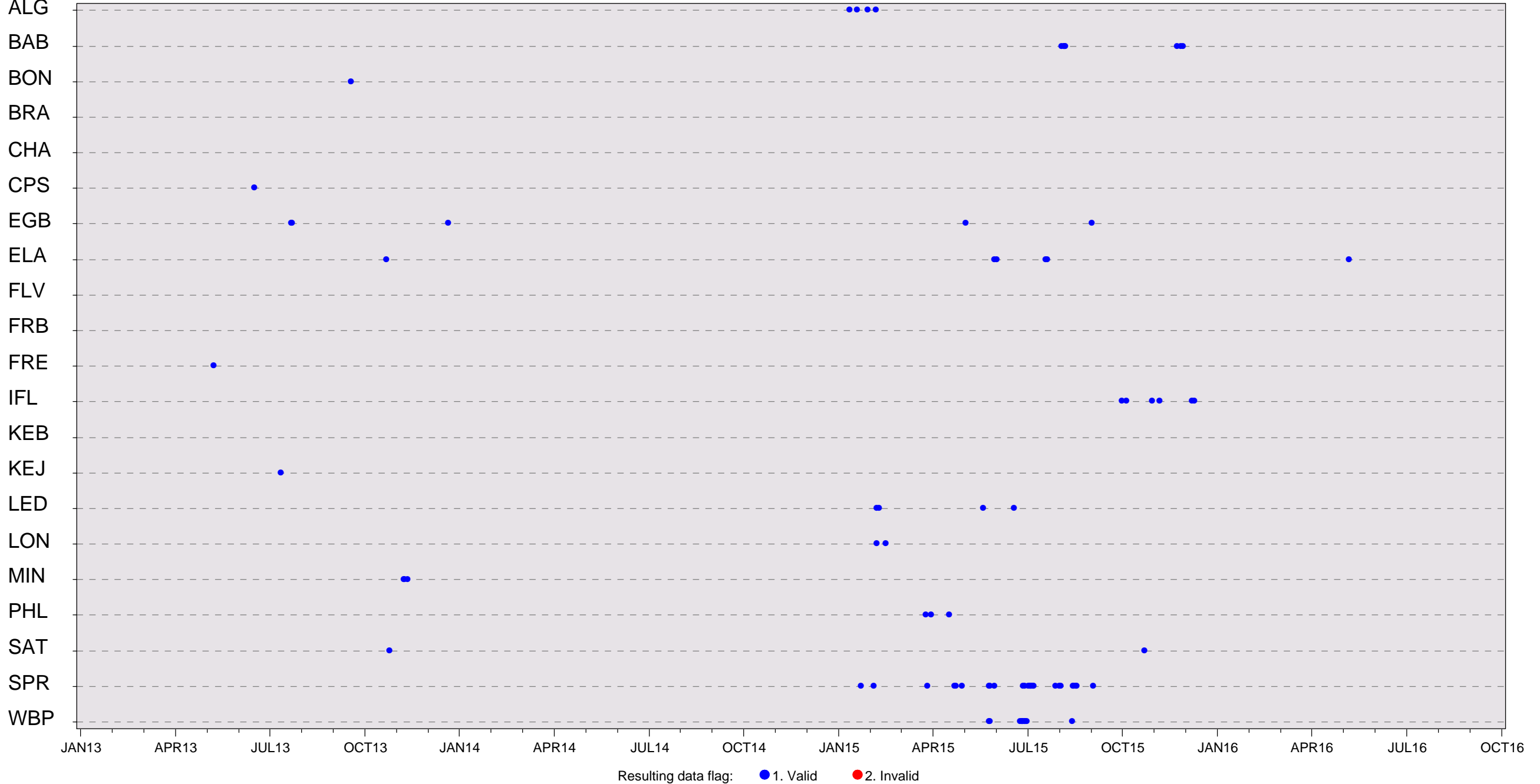


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Lab Comment Codes
Code=TAA20-Other



NYL=Nylon, TAA=Teflon Atomic Absorption, TIC=Teflon Ion Chromatography, W41=Whatman 41



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Lab Comment Codes

Code=TAA21-Chrom. checked, confirmed



NYL=Nylon, TAA=Teflon Atomic Absorption, TIC=Teflon Ion Chromatography, W41=Whatman 41



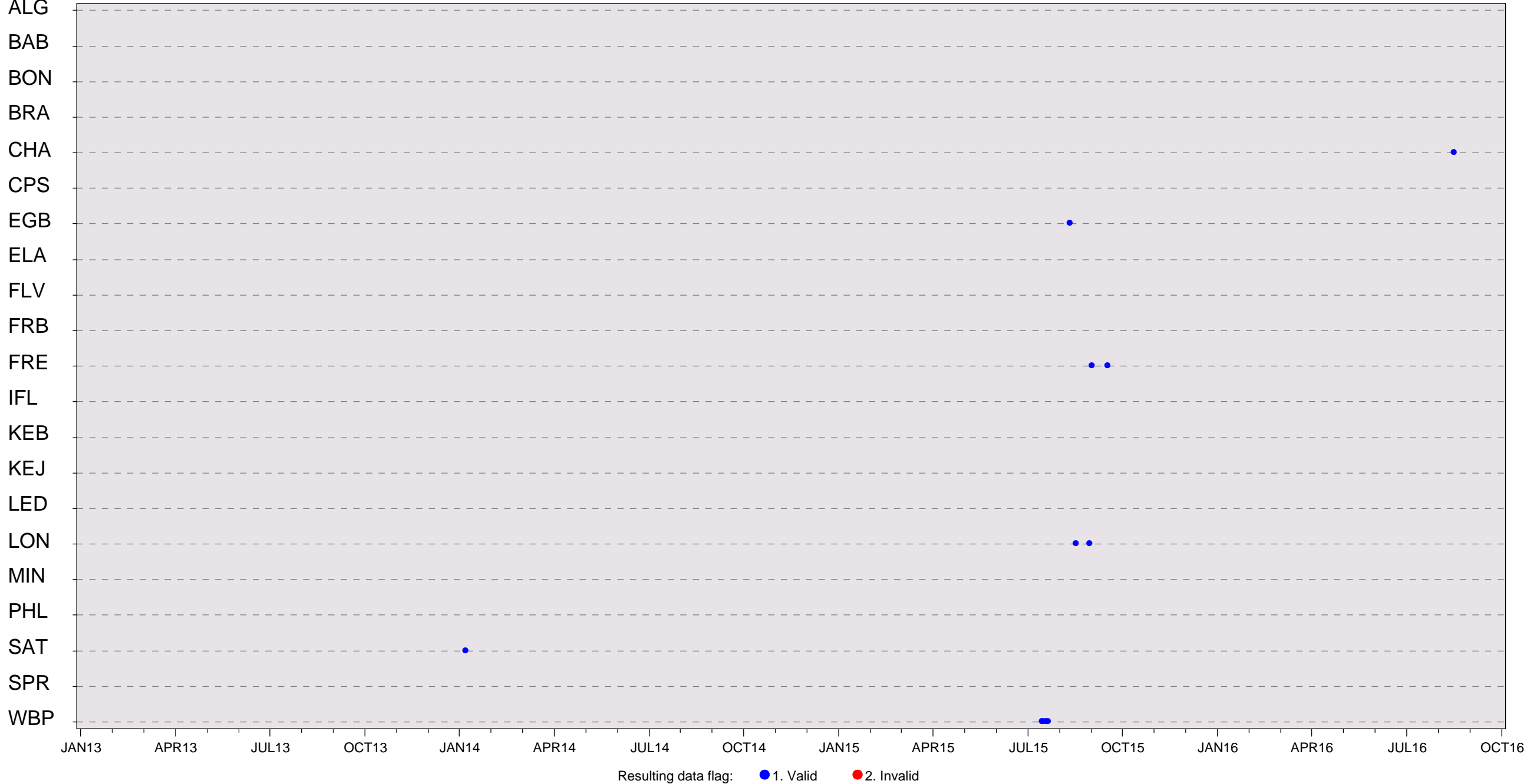
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Lab Comment Codes

Code=TAA24-Water stain on filter-has been wet then dried



NYL=Nylon, TAA=Teflon Atomic Absorption, TIC=Teflon Ion Chromatography, W41=Whatman 41



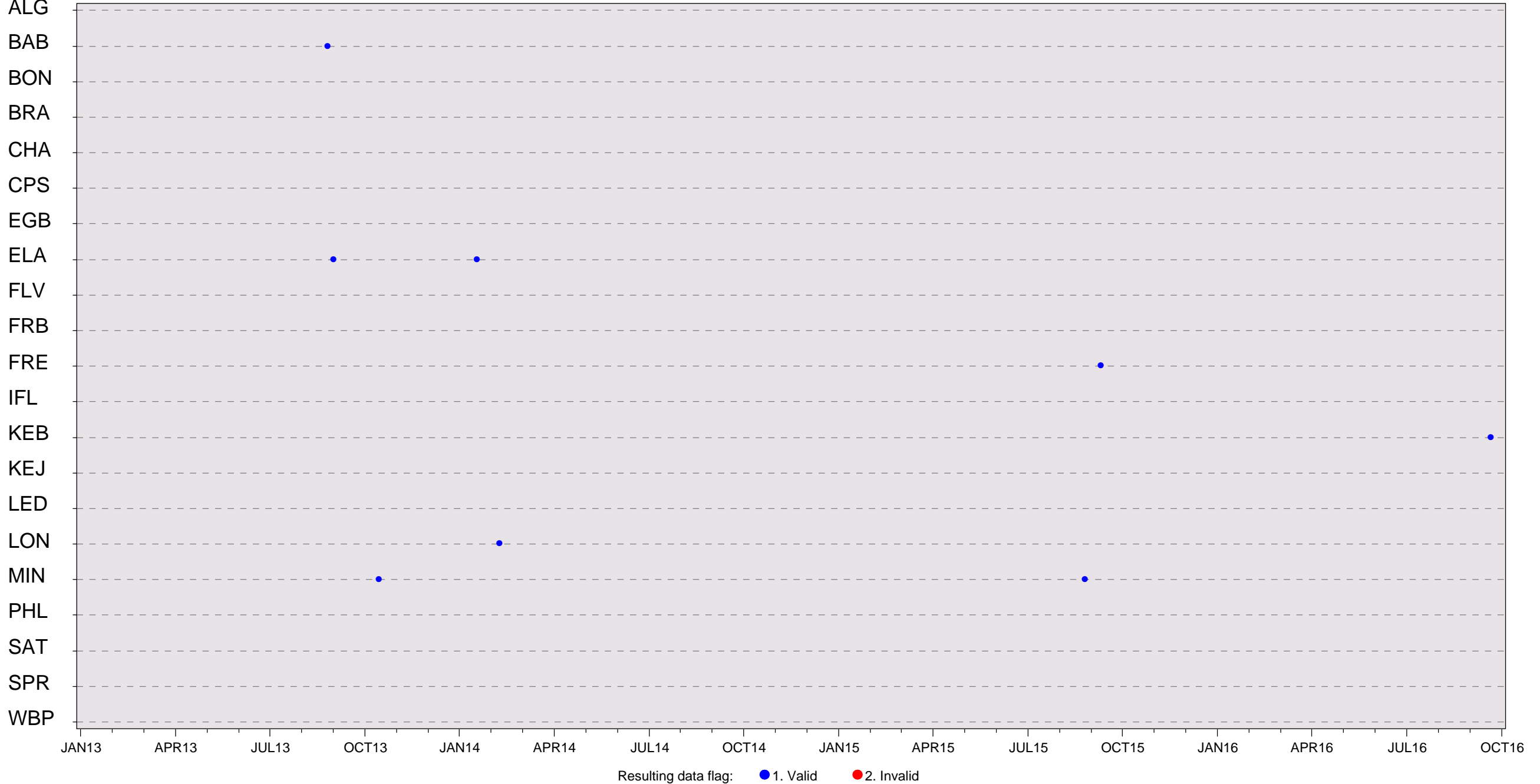
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CAPMoN Air Filter: Invalidation Report 2013 - 2016

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Lab Comment Codes

Code=TAA25-Filter fell onto lab bench



Resulting data flag: ● 1. Valid ● 2. Invalid

NYL=Nylon, TAA=Teflon Atomic Absorption, TIC=Teflon Ion Chromatography, W41=Whatman 41



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CAPMoN Air Filter: Invalidation Report 2013 - 2016

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Lab Comment Codes

Code=TIC01-Sample handling/analysis error



Resulting data flag: ● 1. Valid ● 2. Invalid

NYL=Nylon, TAA=Teflon Atomic Absorption, TIC=Teflon Ion Chromatography, W41=Whatman 41



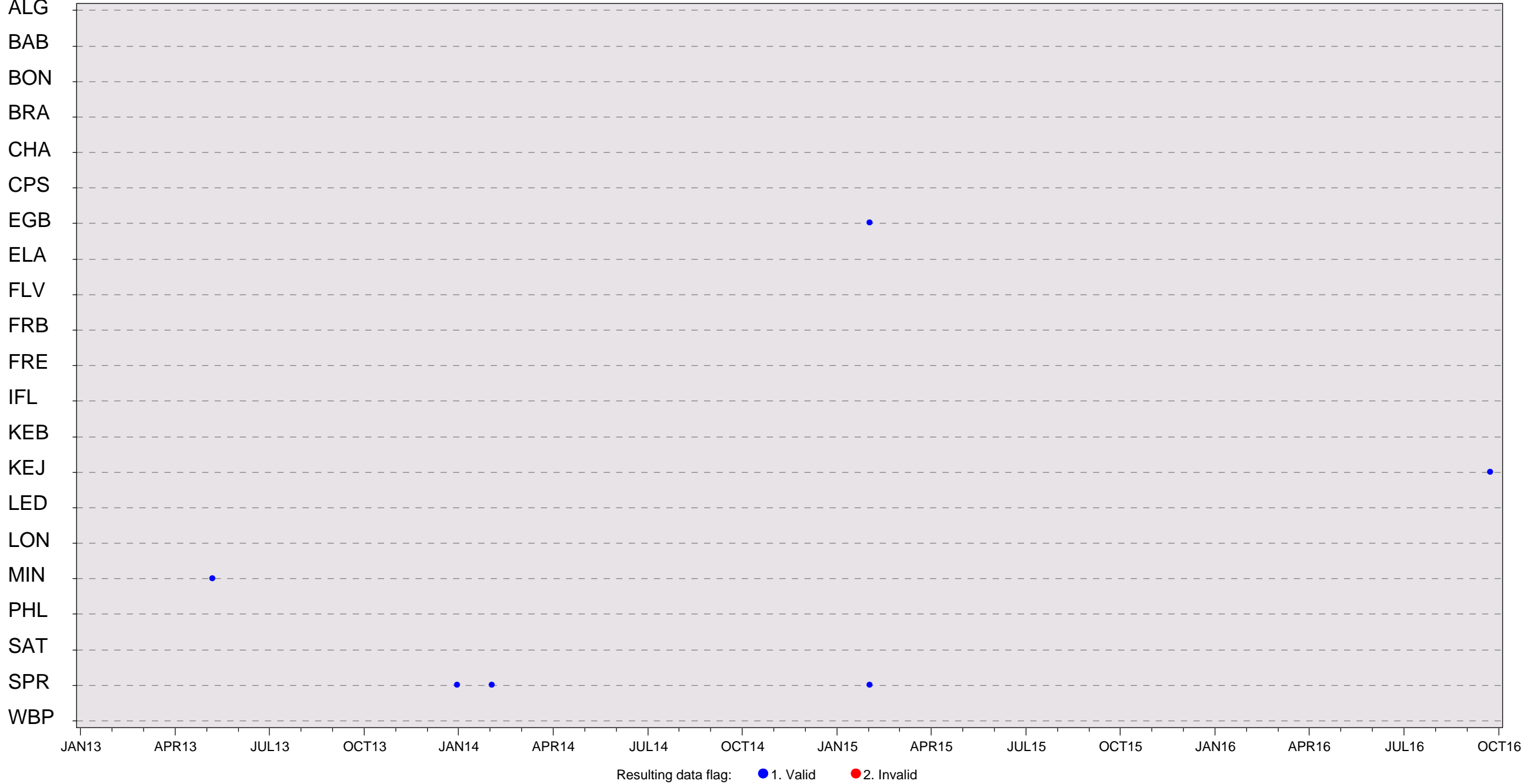
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Lab Comment Codes

Code=TIC03-Two filters, double blank corrected



Resulting data flag: ● 1. Valid ● 2. Invalid

NYL=Nylon, TAA=Teflon Atomic Absorption, TIC=Teflon Ion Chromatography, W41=Whatman 41



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Lab Comment Codes

Code=TIC06-Condition may cause leak or breakthrough



Resulting data flag: ● 1. Valid ● 2. Invalid

NYL=Nylon, TAA=Teflon Atomic Absorption, TIC=Teflon Ion Chromatography, W41=Whatman 41



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Lab Comment Codes

Code=TIC09-Filter discoloured



NYL=Nylon, TAA=Teflon Atomic Absorption, TIC=Teflon Ion Chromatography, W41=Whatman 41



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Lab Comment Codes
Code=TIC10-Filter wet



Resulting data flag: ● 1. Valid ● 2. Invalid

NYL=Nylon, TAA=Teflon Atomic Absorption, TIC=Teflon Ion Chromatography, W41=Whatman 41



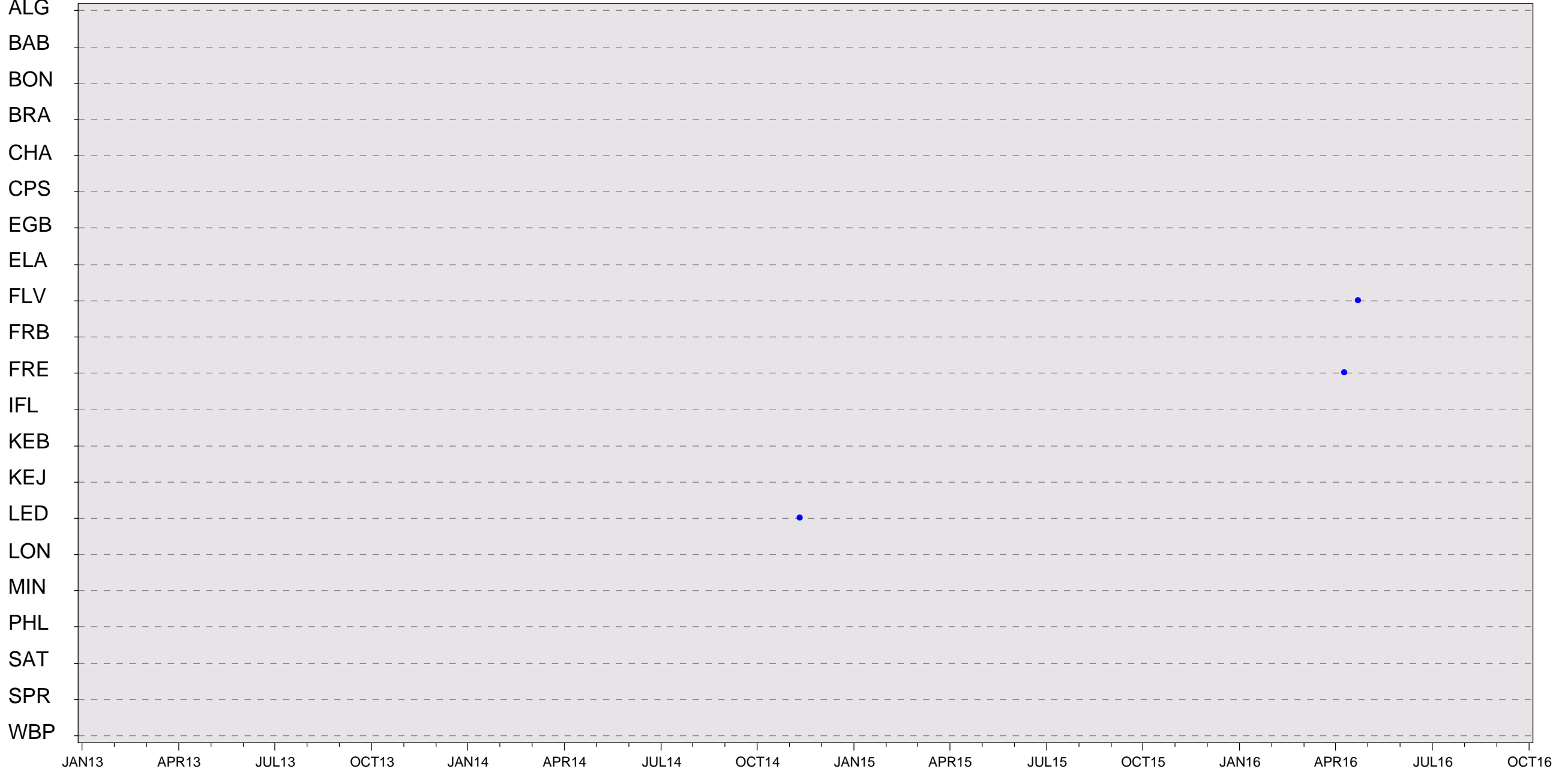
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Lab Comment Codes

Code=TIC11-Cracked analysis tube



Resulting data flag: ● 1. Valid ● 2. Invalid

NYL=Nylon, TAA=Teflon Atomic Absorption, TIC=Teflon Ion Chromatography, W41=Whatman 41



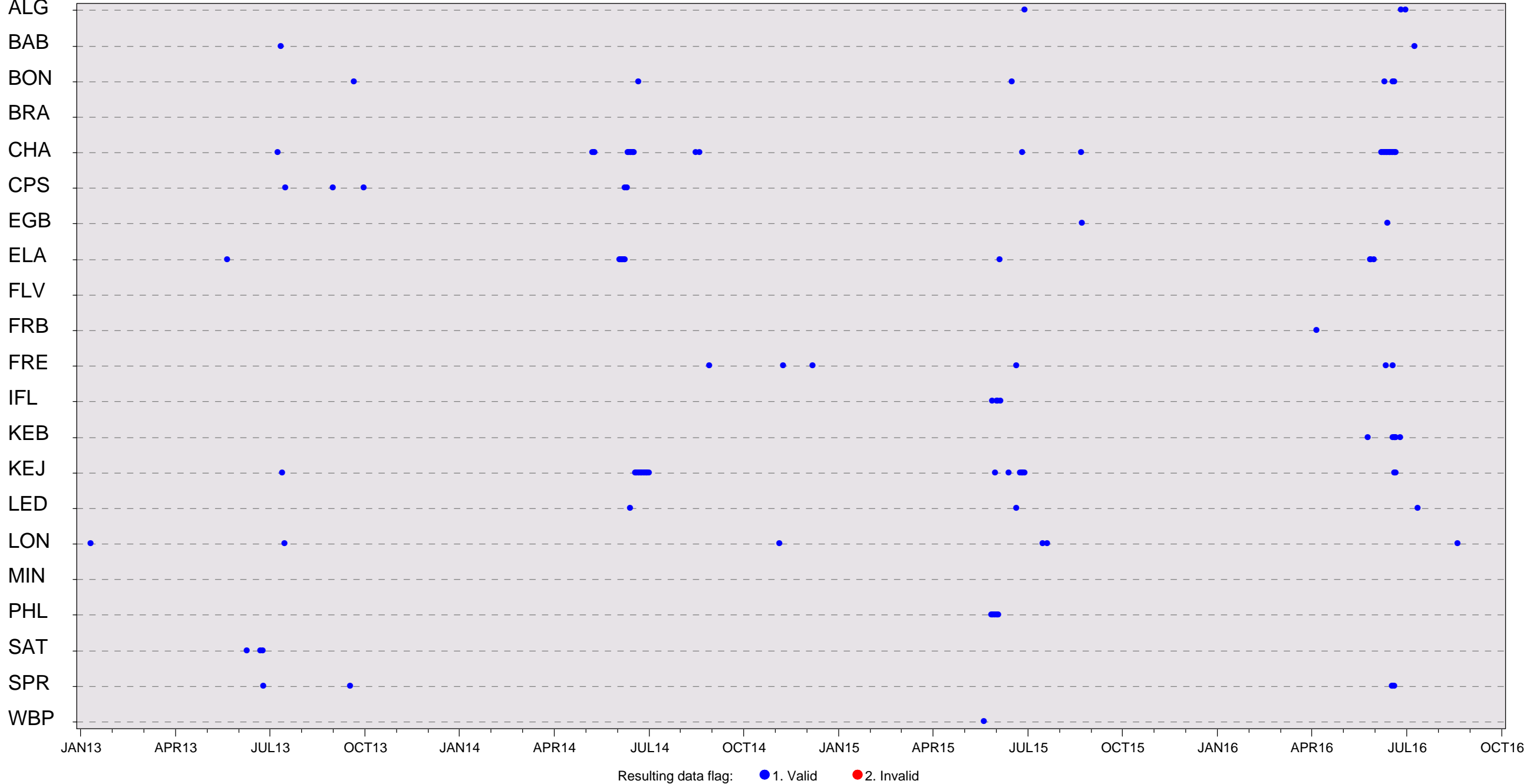
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Lab Comment Codes

Code=TIC12-Biogenic contamination of sample



NYL=Nylon, TAA=Teflon Atomic Absorption, TIC=Teflon Ion Chromatography, W41=Whatman 41



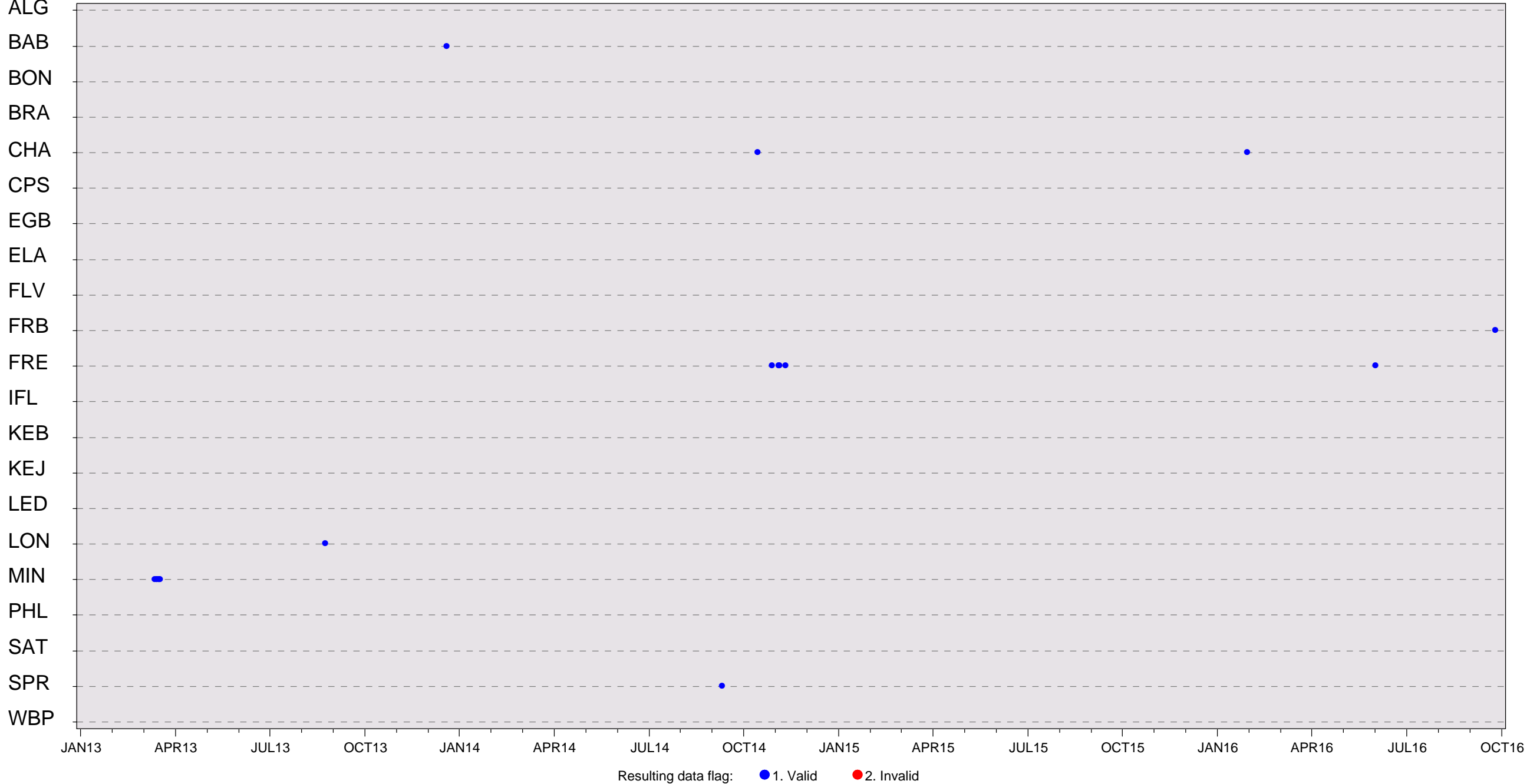
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Lab Comment Codes

Code=TIC13-Unexplained particulate



NYL=Nylon, TAA=Teflon Atomic Absorption, TIC=Teflon Ion Chromatography, W41=Whatman 41



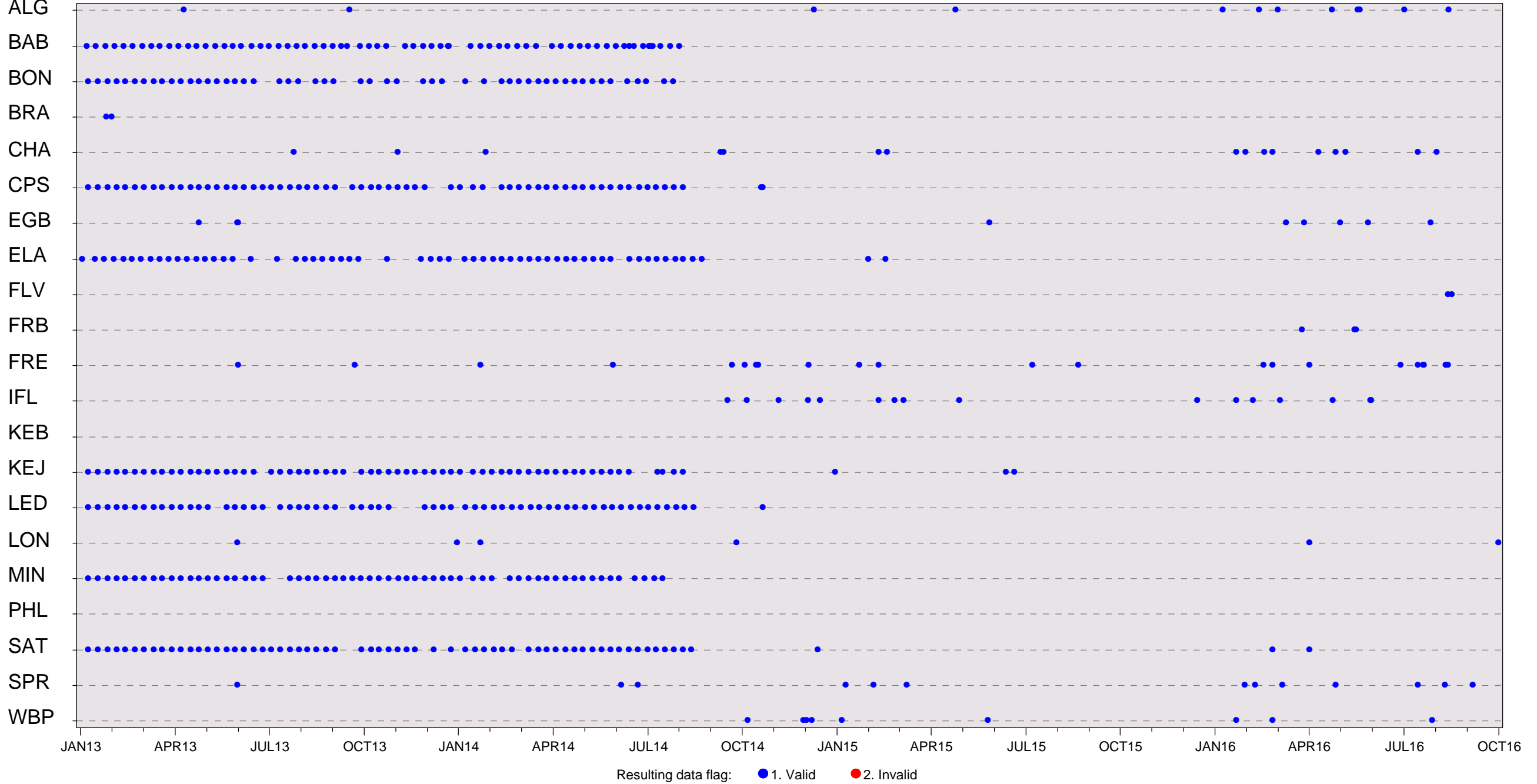
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CAPMoN Air Filter: Invalidation Report 2013 - 2016

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Lab Comment Codes

Code=TIC16-Analysis repeated/confirmed



NYL=Nylon, TAA=Teflon Atomic Absorption, TIC=Teflon Ion Chromatography, W41=Whatman 41



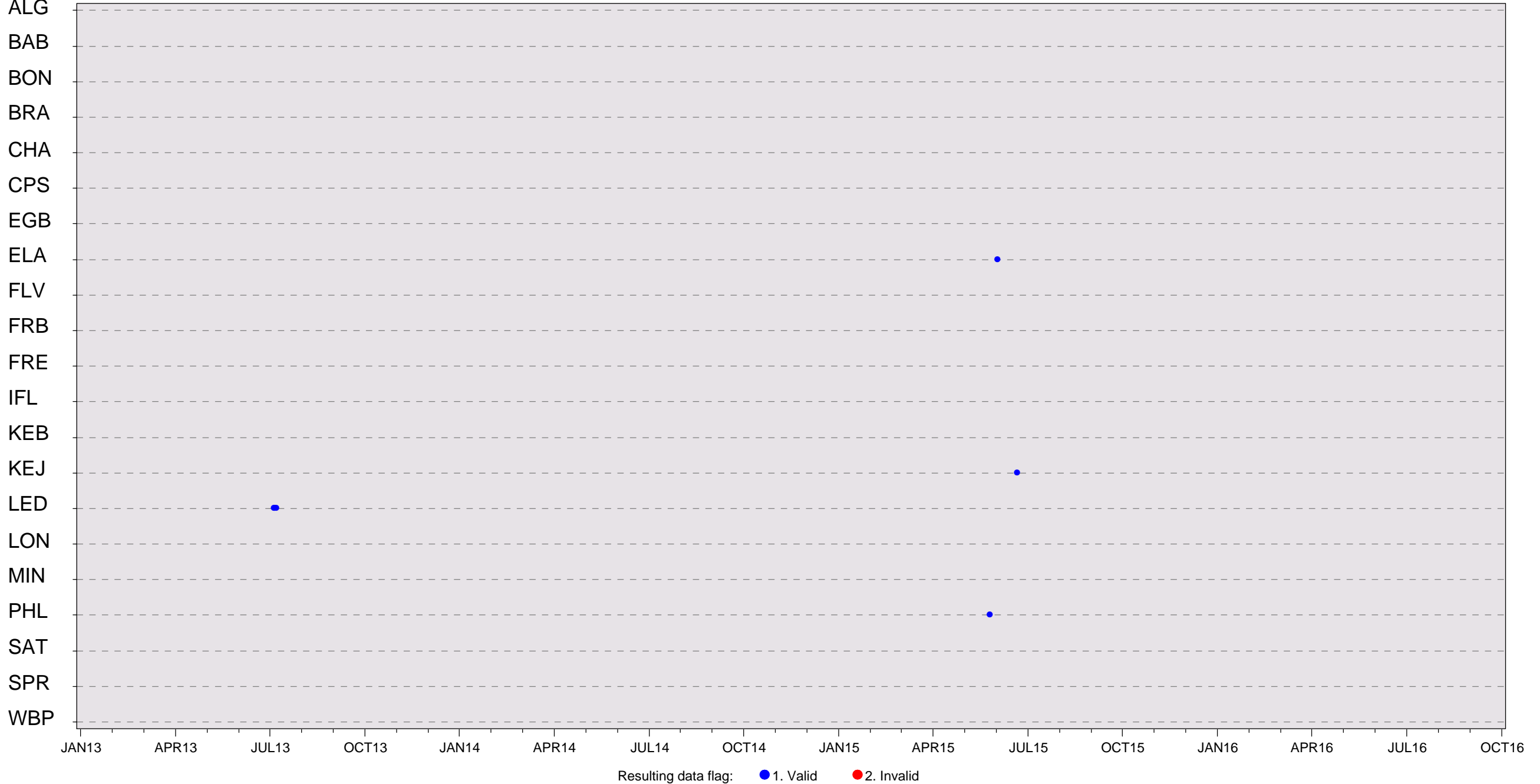
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Lab Comment Codes

Code=TIC17-Analysis repeated/altered



Resulting data flag: ● 1. Valid ● 2. Invalid

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Lab Comment Codes
Code=TIC20-Other



NYL=Nylon, TAA=Teflon Atomic Absorption, TIC=Teflon Ion Chromatography, W41=Whatman 41



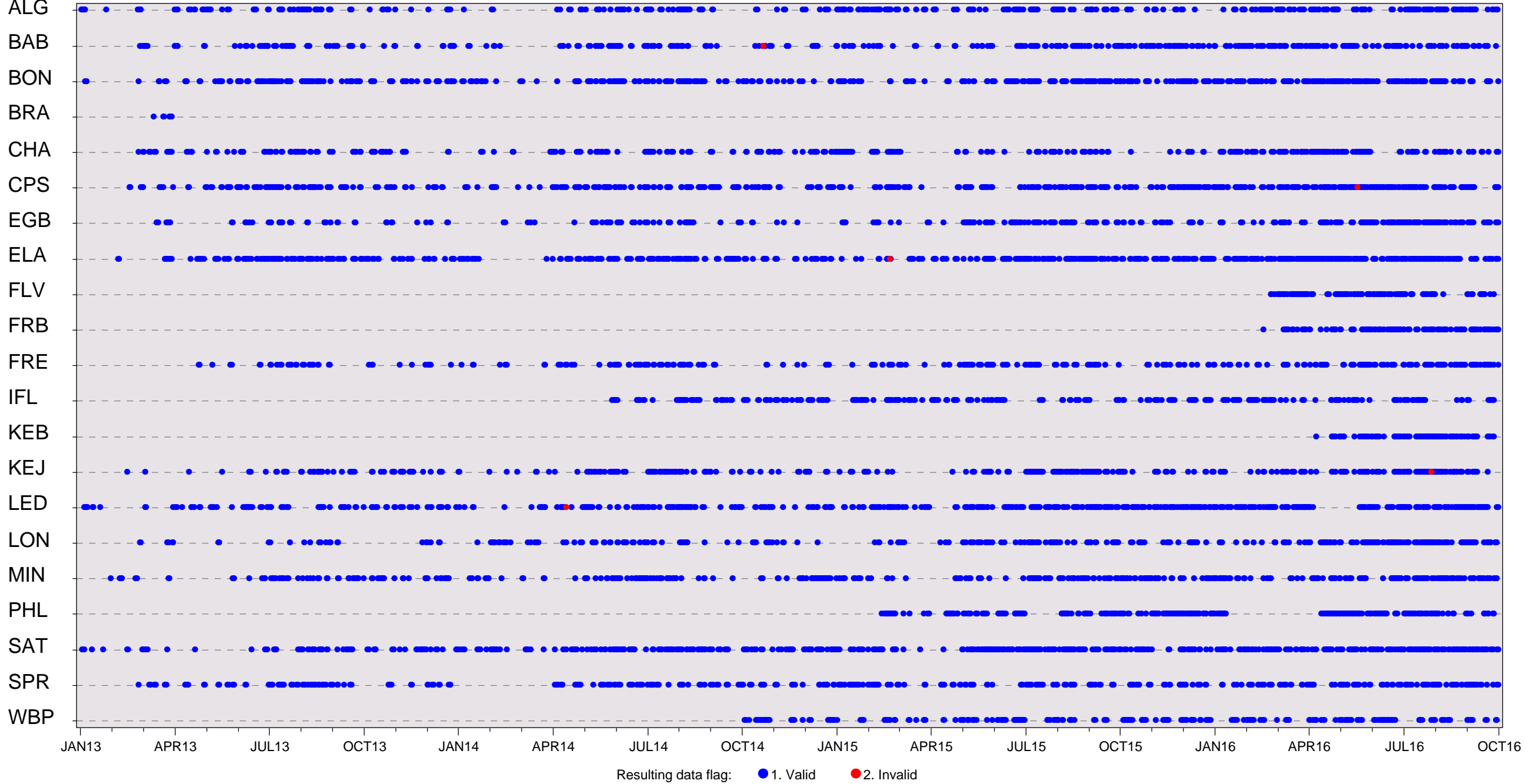
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Lab Comment Codes

Code=TIC21-Chrom. checked, confirmed



NYL=Nylon, TAA=Teflon Atomic Absorption, TIC=Teflon Ion Chromatography, W41=Whatman 41



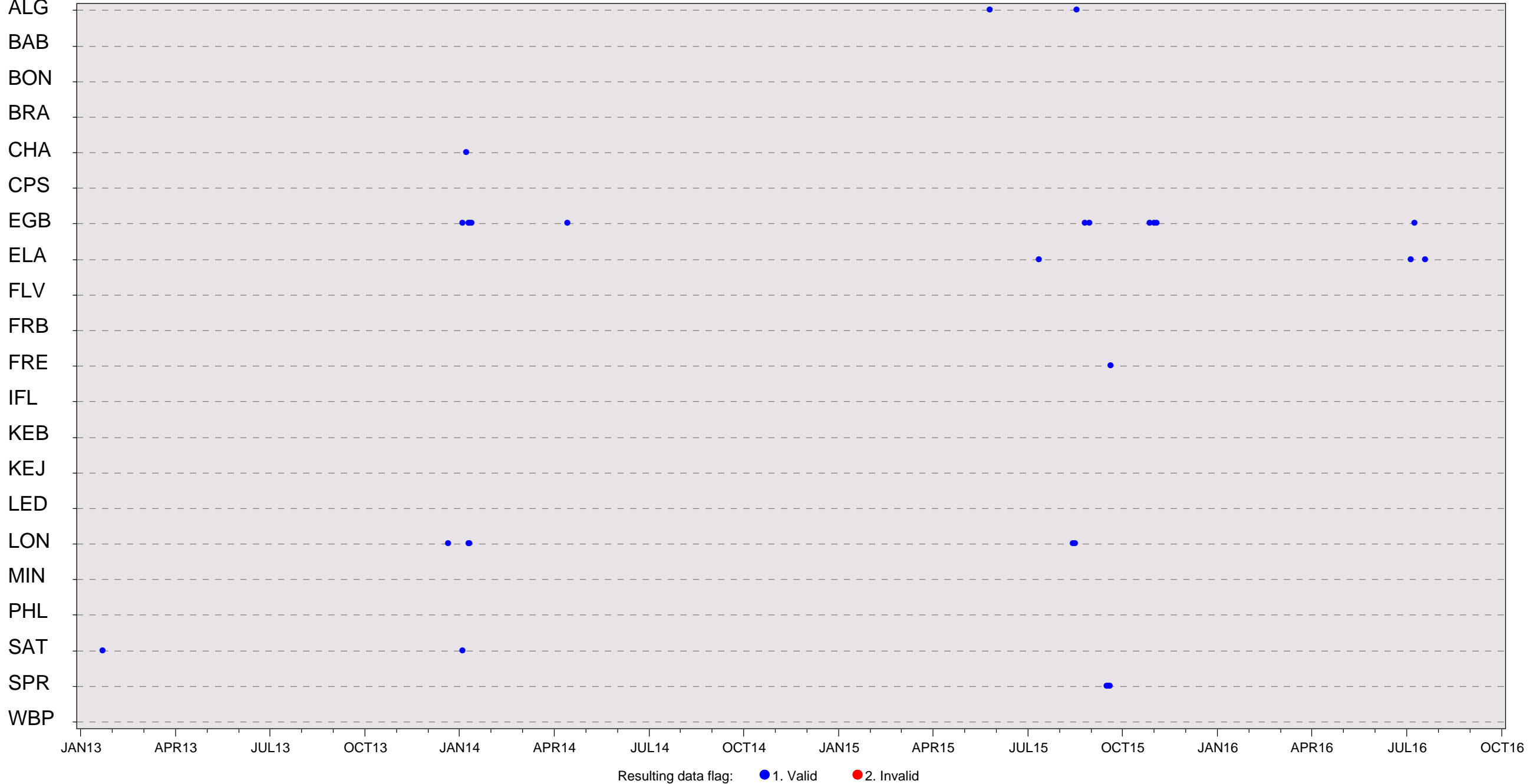
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Lab Comment Codes

Code=TIC24-Water stain on filter-has been wet then dried



NYL=Nylon, TAA=Teflon Atomic Absorption, TIC=Teflon Ion Chromatography, W41=Whatman 41



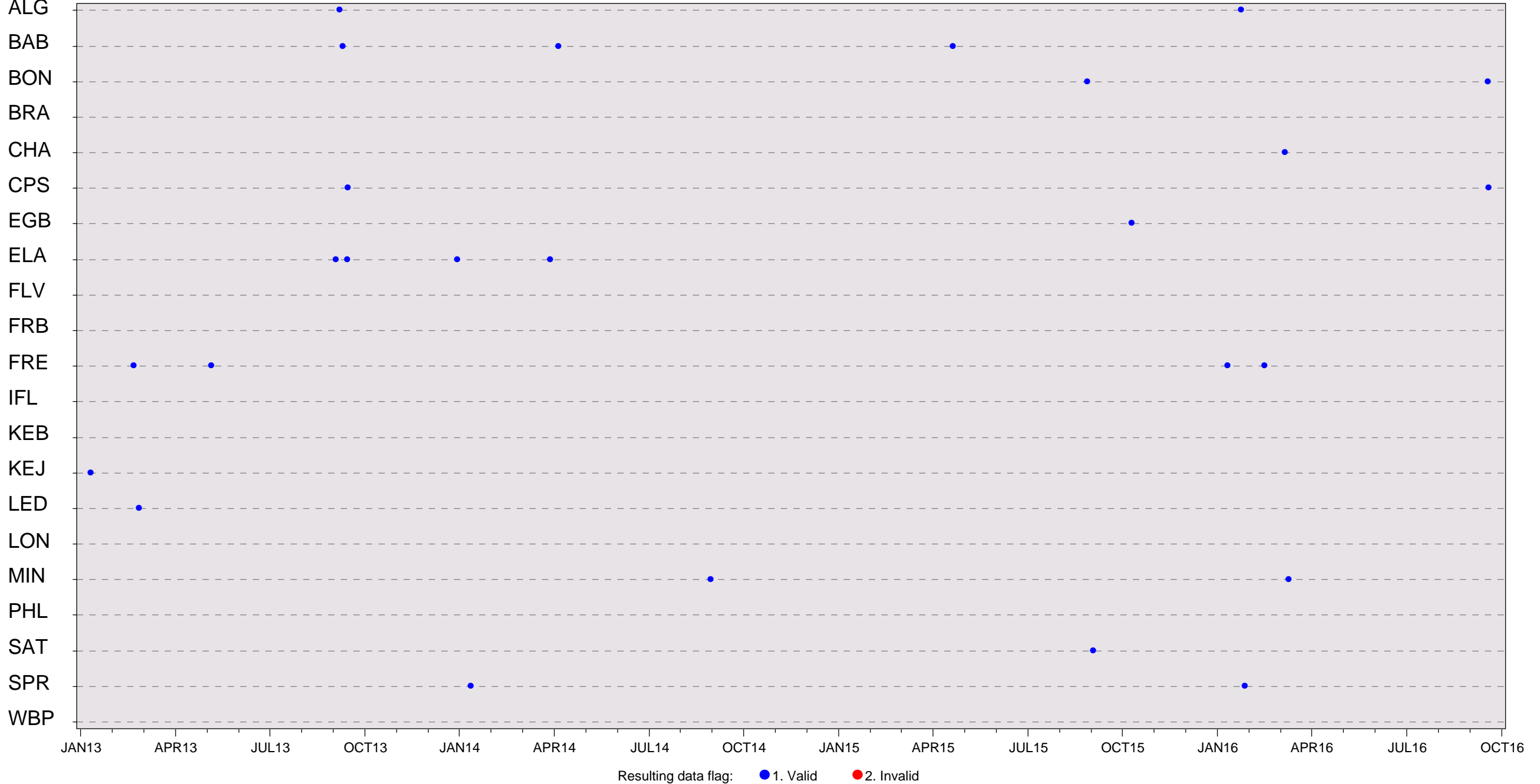
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CAPMoN Air Filter: Invalidation Report 2013 - 2016

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Lab Comment Codes

Code=TIC25-Filter fell onto lab bench



NYL=Nylon, TAA=Teflon Atomic Absorption, TIC=Teflon Ion Chromatography, W41=Whatman 41



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RESEAU CANADIEN
D'ÉCHANTILLONNAGE DES
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(RCEPA)

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Lab Comment Codes

Code=TIC26-Filter torn/punctured unloading



Resulting data flag: ● 1. Valid ● 2. Invalid

NYL=Nylon, TAA=Teflon Atomic Absorption, TIC=Teflon Ion Chromatography, W41=Whatman 41



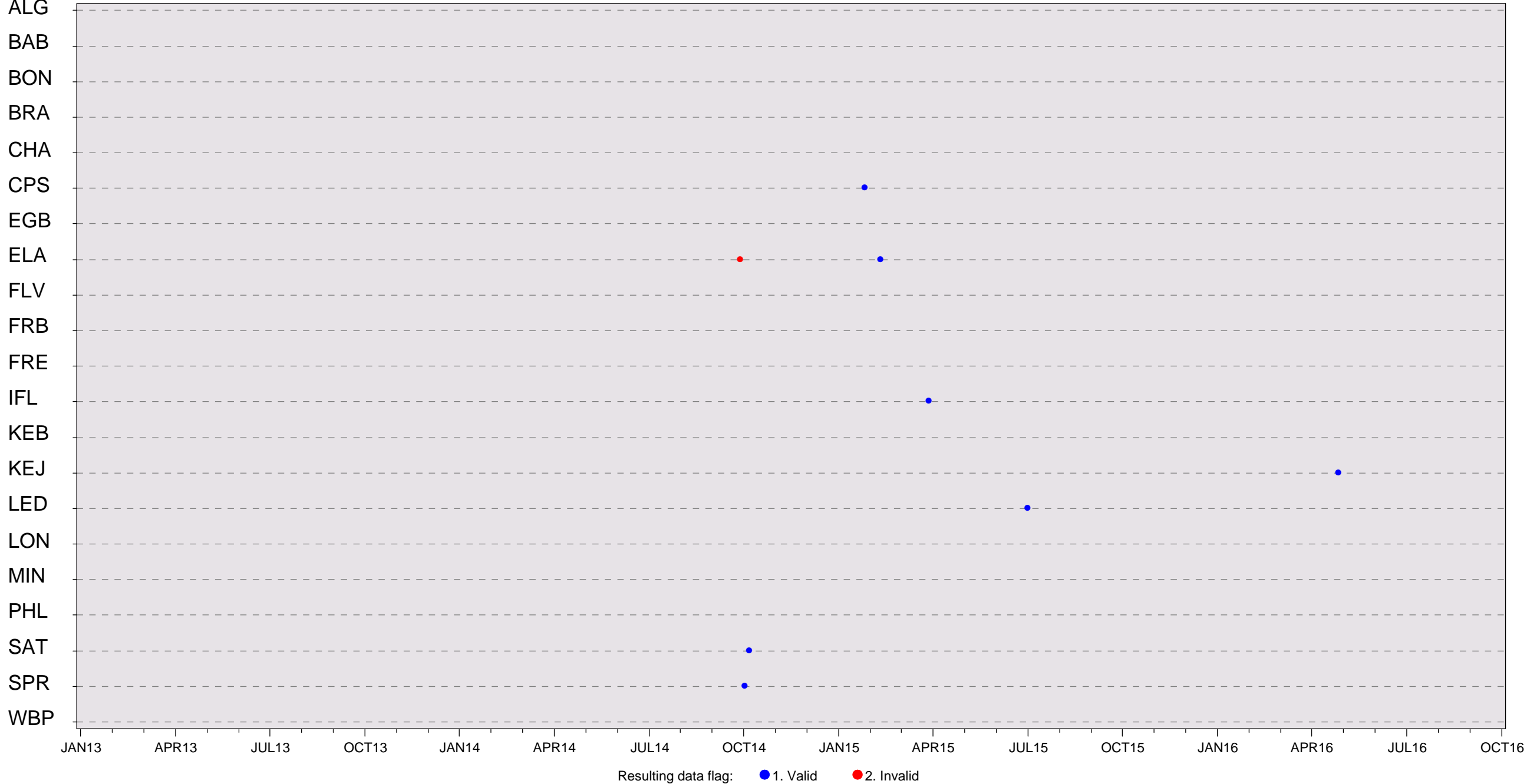
CANADIAN AIR AND
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RESEAU CANADIEN
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Lab Comment Codes

Code=W4103-Two filters, double blank corrected



NYL=Nylon, TAA=Teflon Atomic Absorption, TIC=Teflon Ion Chromatography, W41=Whatman 41



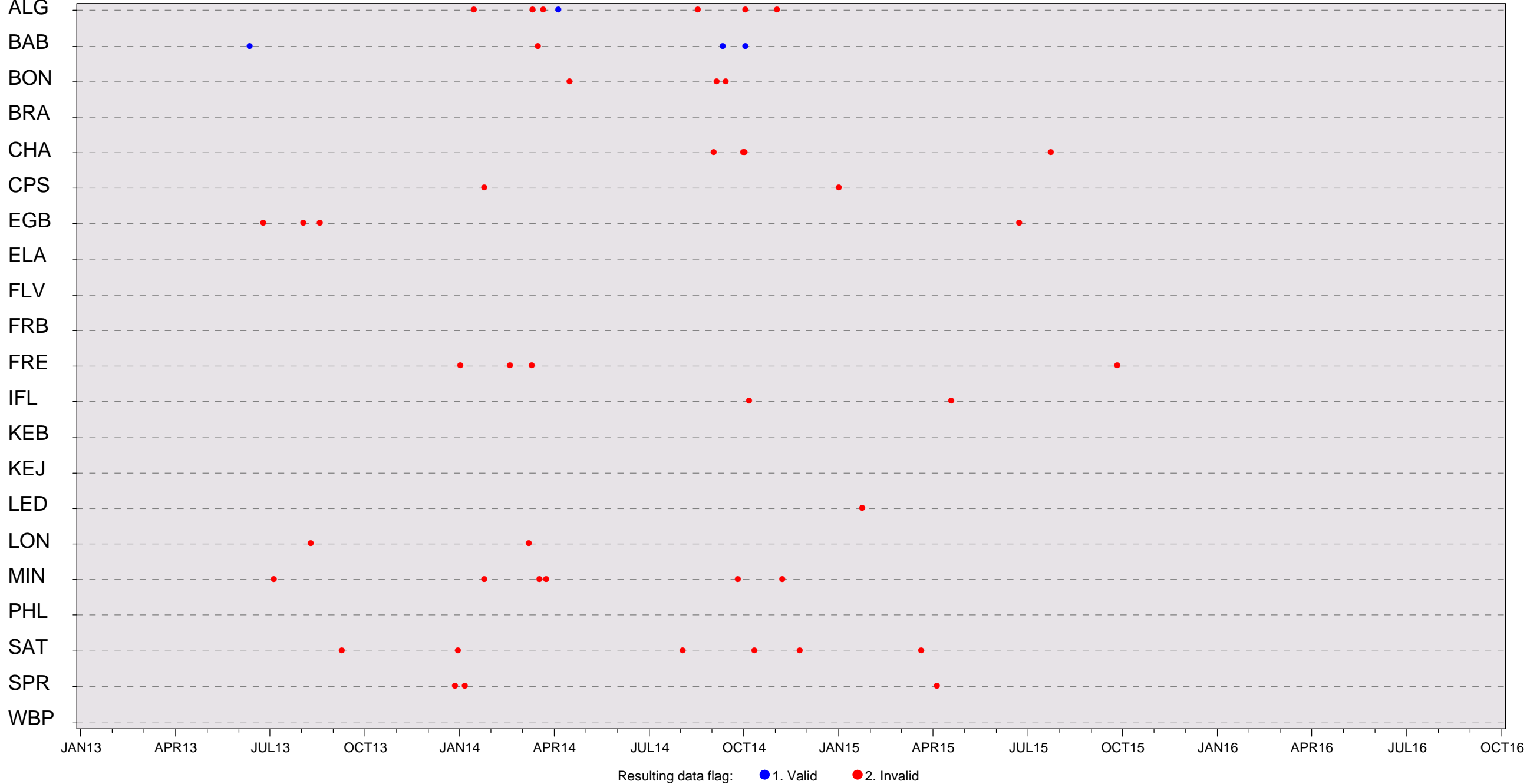
CANADIAN AIR AND
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Lab Comment Codes

Code=W4106-Condition may cause leak or breakthrough



NYL=Nylon, TAA=Teflon Atomic Absorption, TIC=Teflon Ion Chromatography, W41=Whatman 41



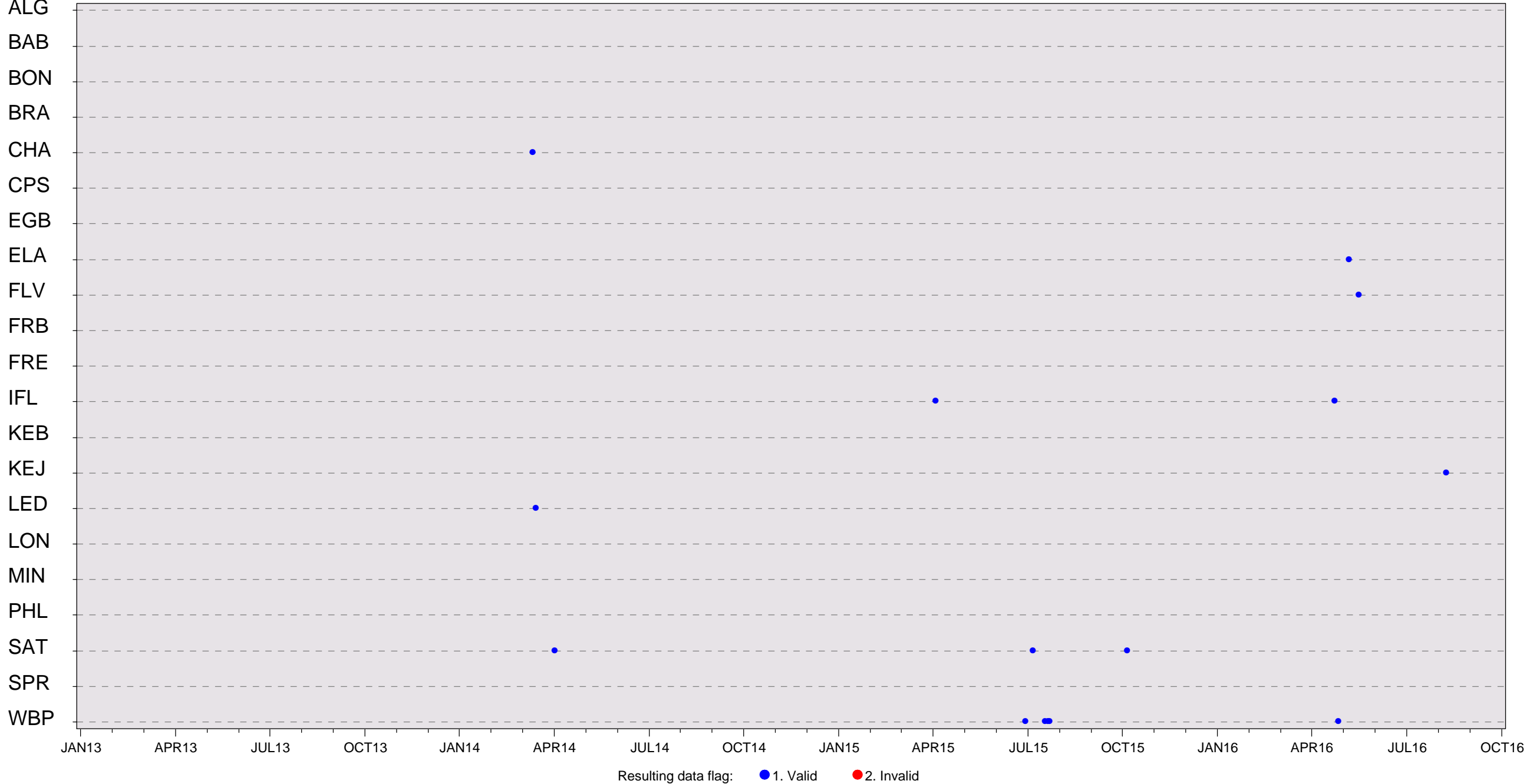
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Lab Comment Codes

Code=W4109-Filter discoloured



NYL=Nylon, TAA=Teflon Atomic Absorption, TIC=Teflon Ion Chromatography, W41=Whatman 41



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Lab Comment Codes

Code=W4111-Cracked analysis tube



Resulting data flag: ● 1. Valid ● 2. Invalid

NYL=Nylon, TAA=Teflon Atomic Absorption, TIC=Teflon Ion Chromatography, W41=Whatman 41



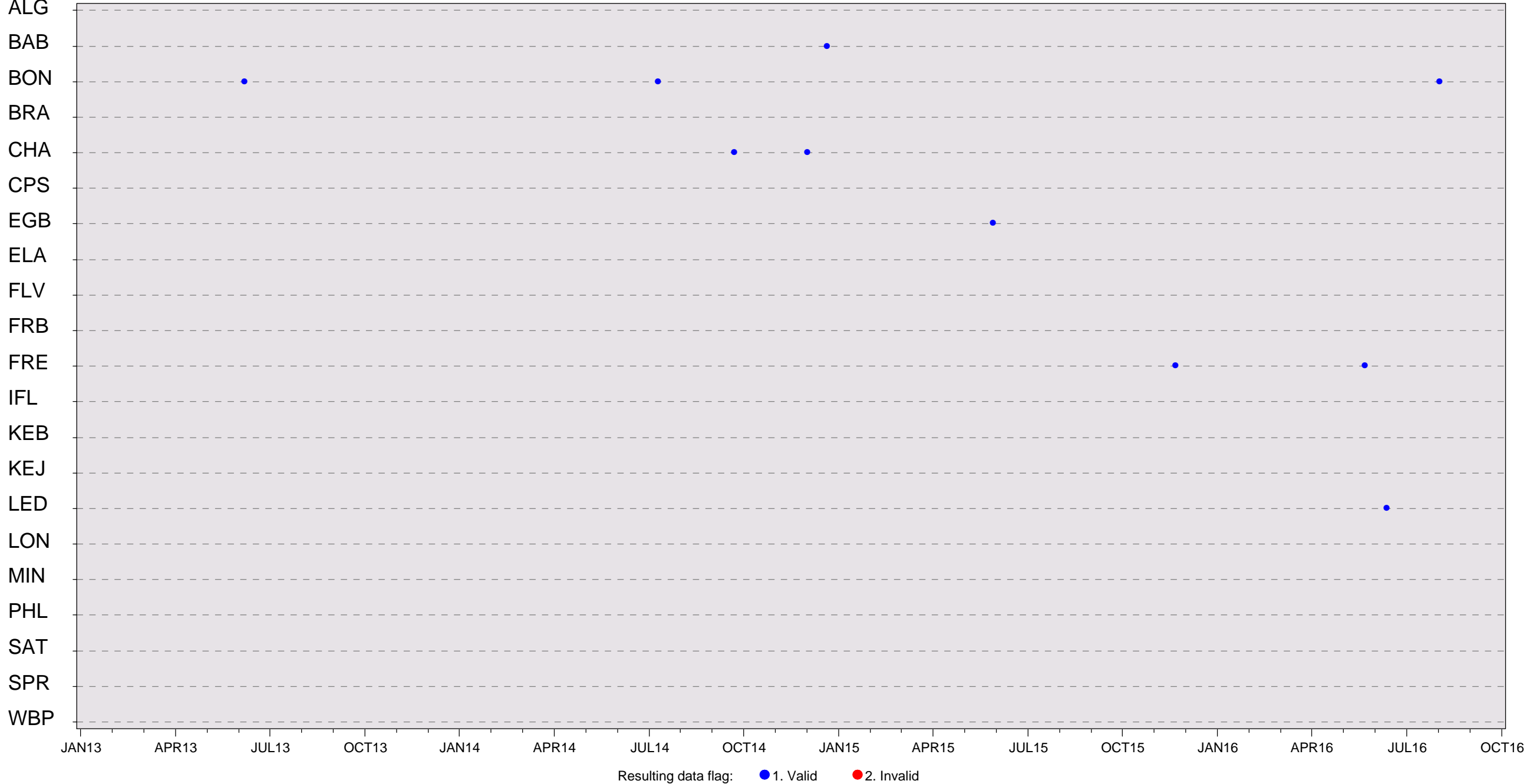
CANADIAN AIR AND
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Lab Comment Codes

Code=W4112-Biogenic contamination of sample



NYL=Nylon, TAA=Teflon Atomic Absorption, TIC=Teflon Ion Chromatography, W41=Whatman 41



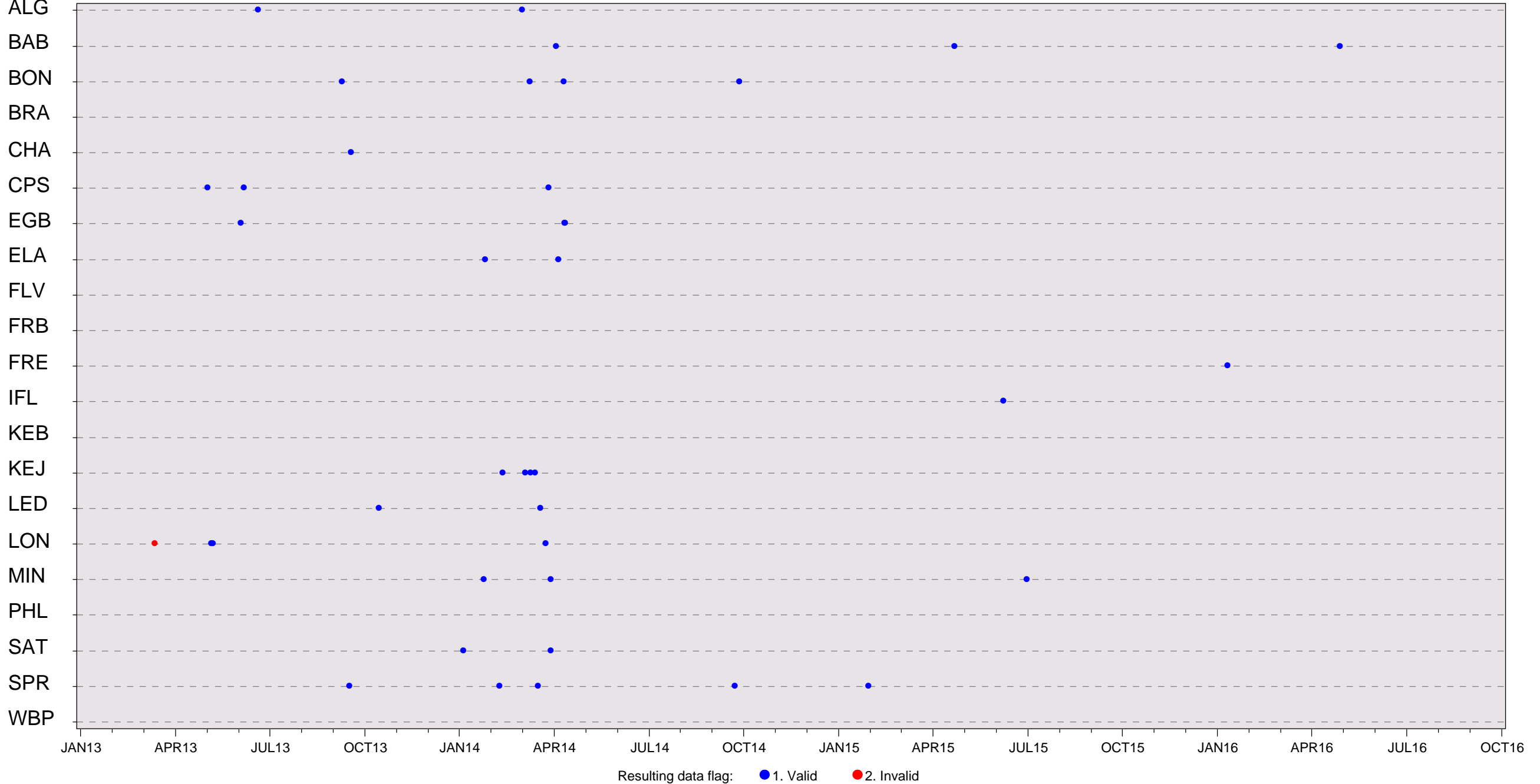
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Lab Comment Codes

Code=W4113-Unexplained particulate



NYL=Nylon, TAA=Teflon Atomic Absorption, TIC=Teflon Ion Chromatography, W41=Whatman 41



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Lab Comment Codes

Code=W4116-Analysis repeated/confirmed



NYL=Nylon, TAA=Teflon Atomic Absorption, TIC=Teflon Ion Chromatography, W41=Whatman 41



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Lab Comment Codes

Code=W4117-Analysis repeated/altered



Resulting data flag: ● 1. Valid ● 2. Invalid

NYL=Nylon, TAA=Teflon Atomic Absorption, TIC=Teflon Ion Chromatography, W41=Whatman 41



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Lab Comment Codes

Code=W4119-Sample not received



Resulting data flag: ● 1. Valid ● 2. Invalid

NYL=Nylon, TAA=Teflon Atomic Absorption, TIC=Teflon Ion Chromatography, W41=Whatman 41

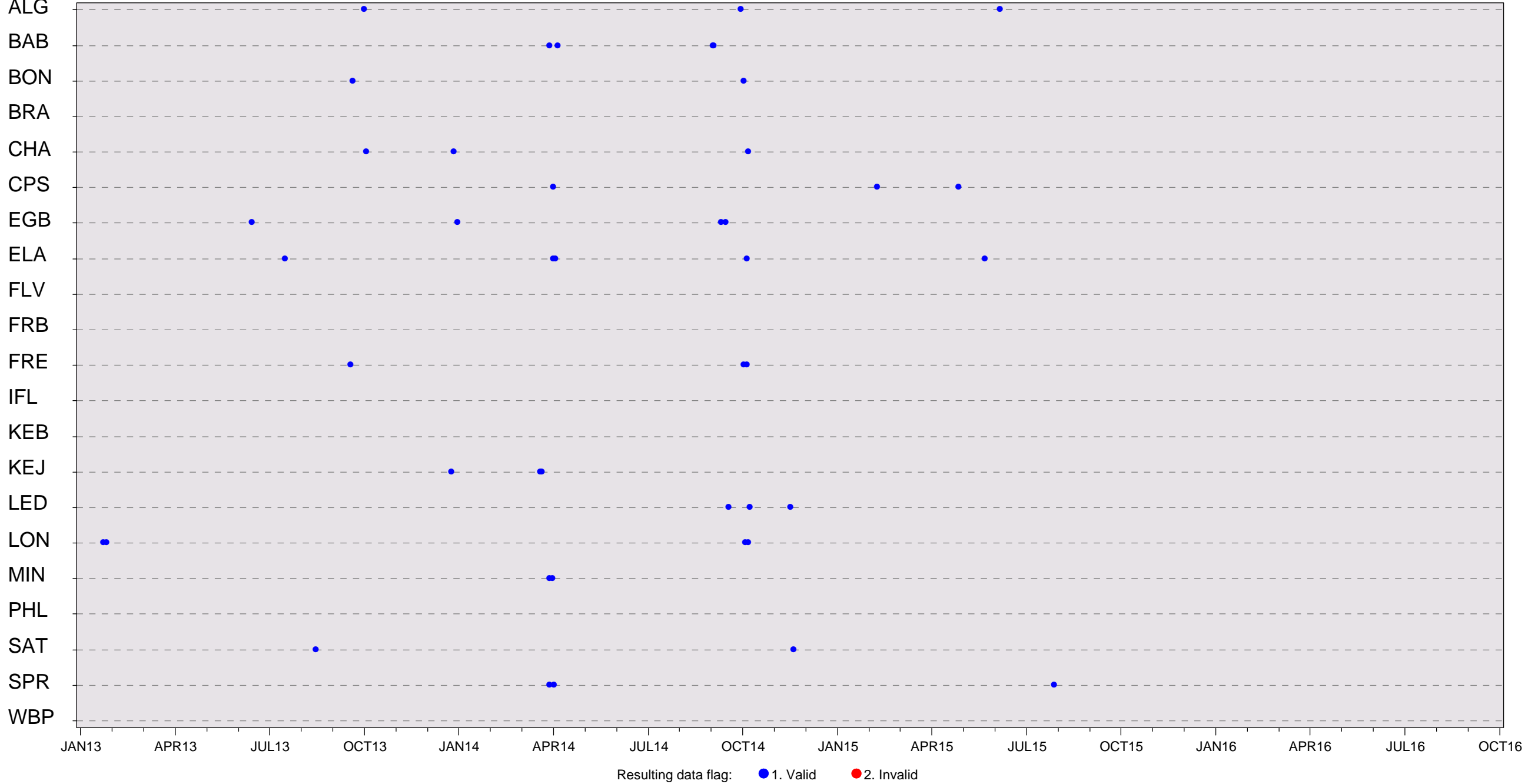


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Lab Comment Codes
Code=W4120-Other



NYL=Nylon, TAA=Teflon Atomic Absorption, TIC=Teflon Ion Chromatography, W41=Whatman 41



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Lab Comment Codes

Code=W4121-Chrom. checked, confirmed



NYL=Nylon, TAA=Teflon Atomic Absorption, TIC=Teflon Ion Chromatography, W41=Whatman 41



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Lab Comment Codes

Code=W4122-Chrom. checked, altered



Resulting data flag: ● 1. Valid ● 2. Invalid

NYL=Nylon, TAA=Teflon Atomic Absorption, TIC=Teflon Ion Chromatography, W41=Whatman 41



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Lab Comment Codes

Code=W4124-Water stain on filter-has been wet then dried



Resulting data flag: ● 1. Valid ● 2. Invalid

NYL=Nylon, TAA=Teflon Atomic Absorption, TIC=Teflon Ion Chromatography, W41=Whatman 41



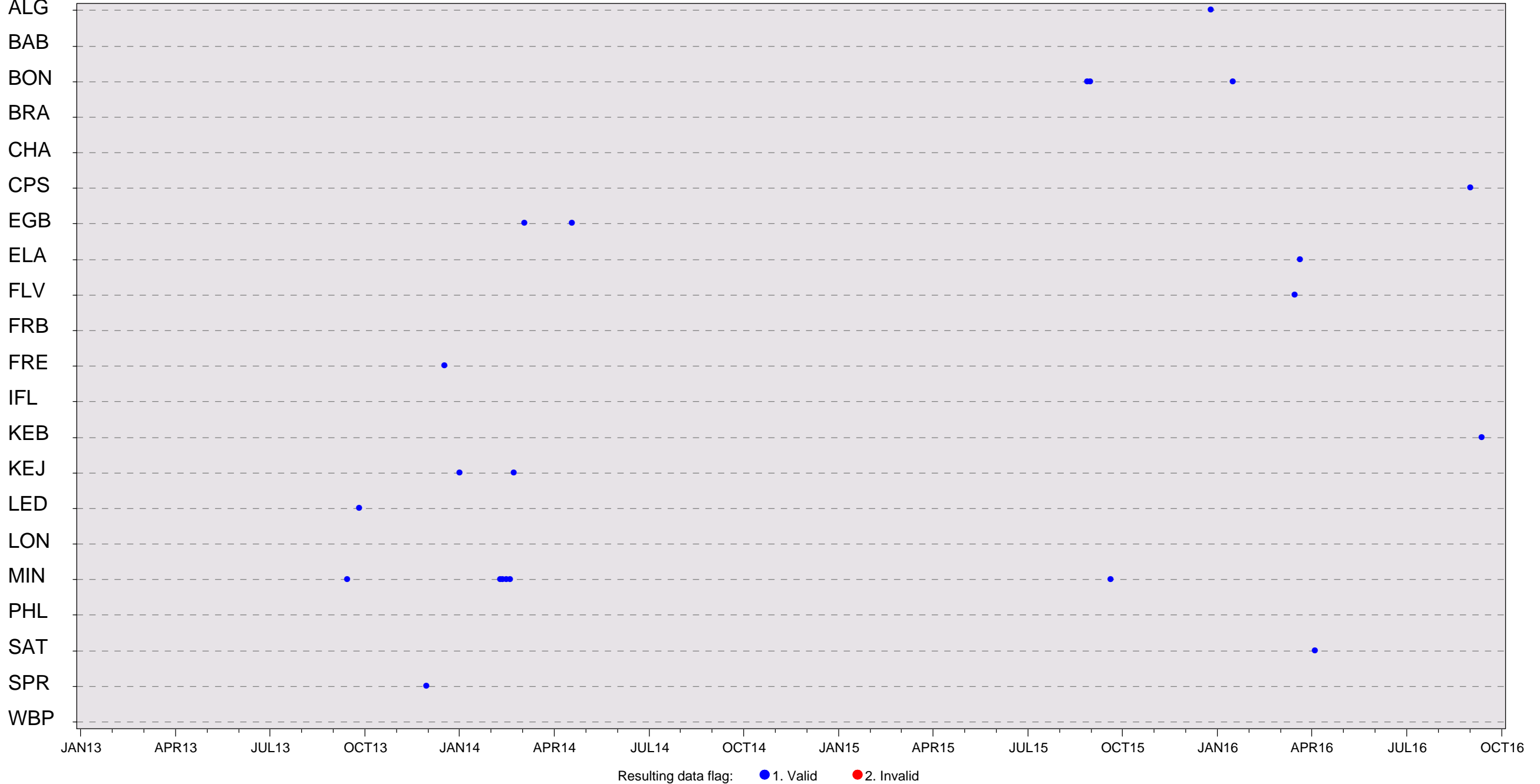
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Lab Comment Codes

Code=W4125-Filter fell onto lab bench



NYL=Nylon, TAA=Teflon Atomic Absorption, TIC=Teflon Ion Chromatography, W41=Whatman 41



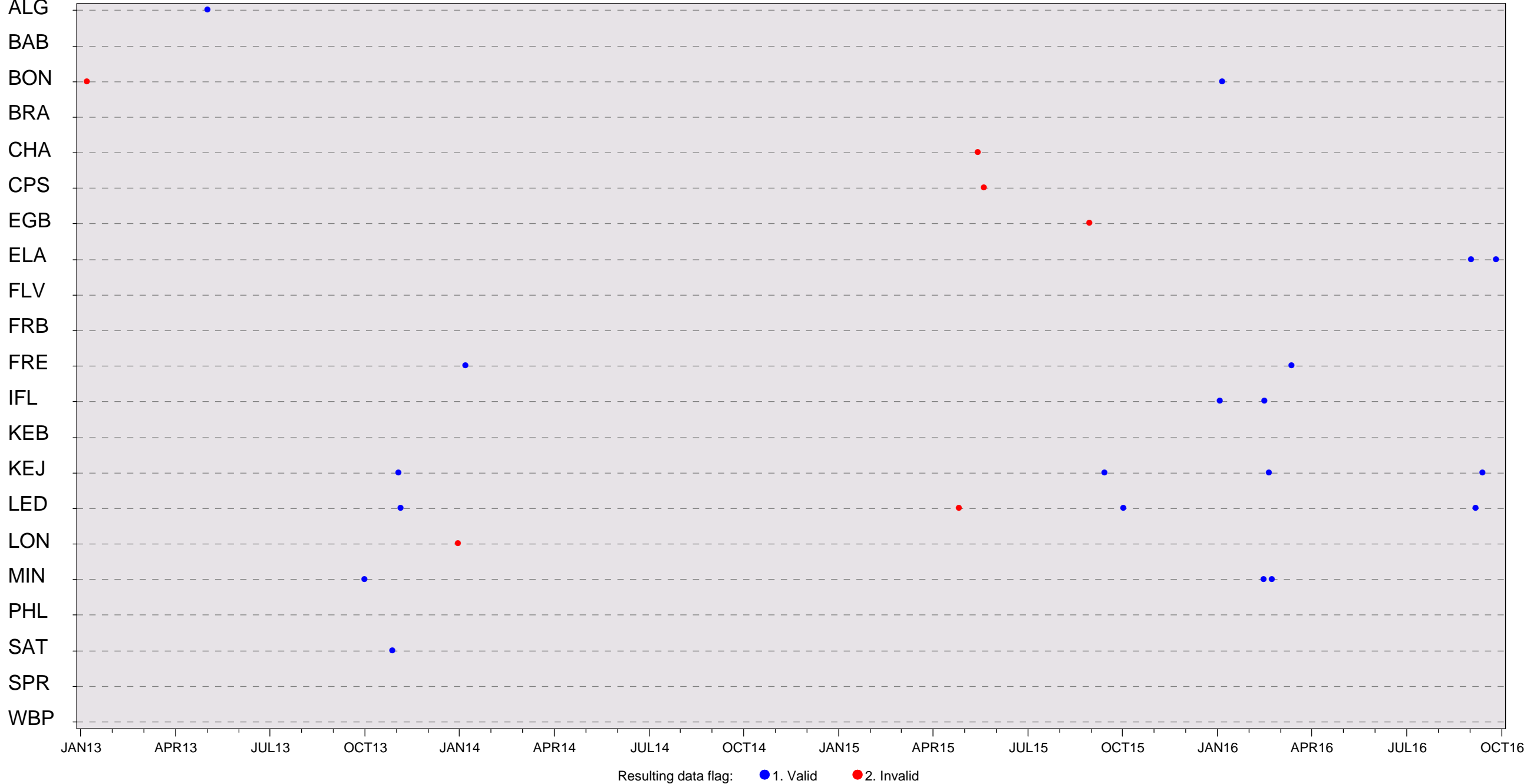
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Lab Comment Codes

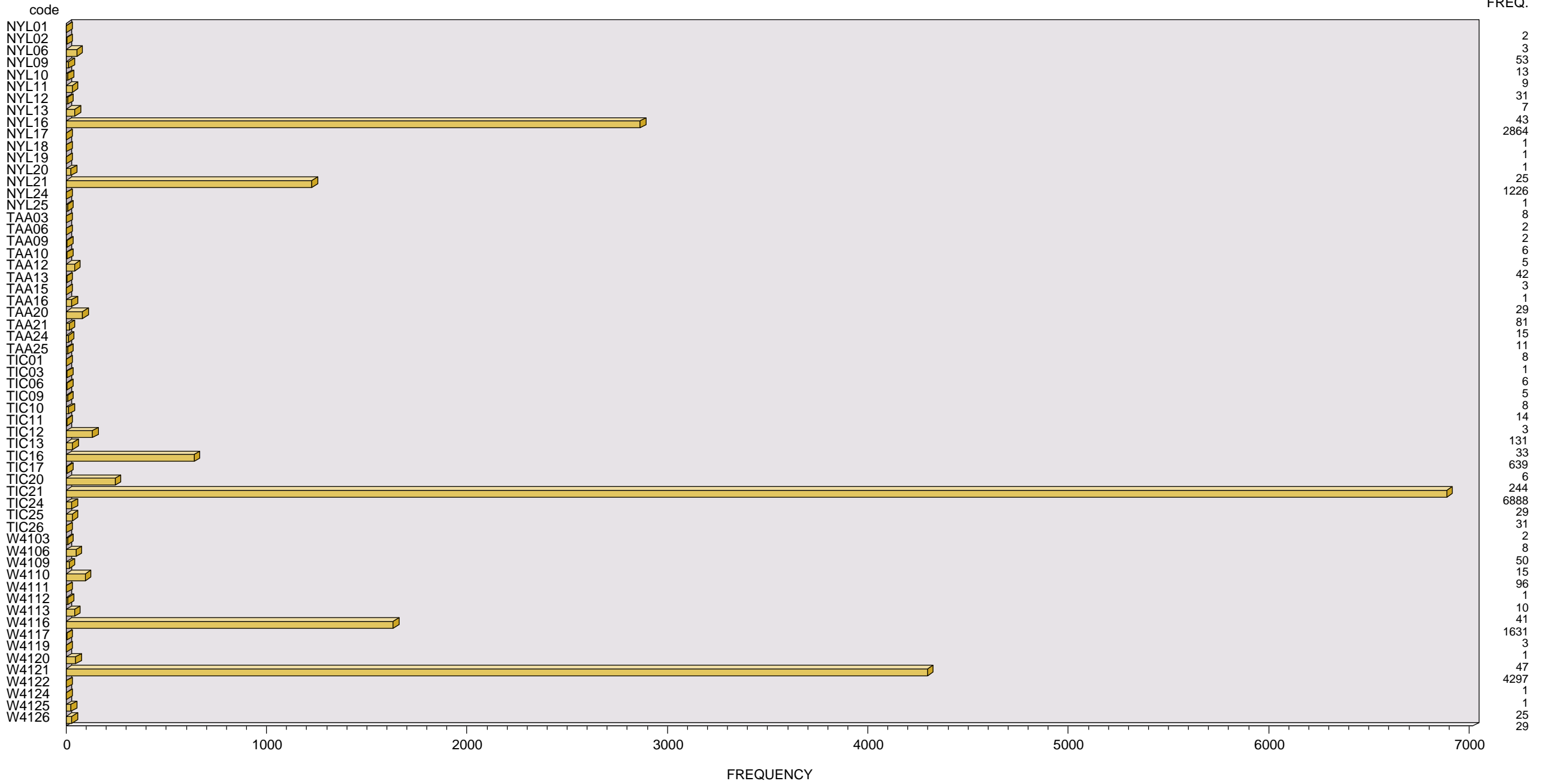
Code=W4126-Filter torn/punctured unloading



NYL=Nylon, TAA=Teflon Atomic Absorption, TIC=Teflon Ion Chromatography, W41=Whatman 41

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Lab Comment Codes



NYL=Nylon, TAA=Teflon Atomic Absorption, TIC=Teflon Ion Chromatography, W41=Whatman 41