

VALPRO QUALIFICATION PV METHODS FOR FTIR Release Notes

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About This Document

This document contains a revision history of VALPRO QUALIFICATION PV METHODS FOR FTIR, including new features that may not be included in the User's Guide, resolved issues and known issues.

VALPRO QUALIFICATION CP METHODS FOR FTIR v1.11

Release Date: Oct-2023

Supported Operating Systems

Windows 10 64-bit

Windows 11

New Features

Version Updated To 1.11

The product version has been updated to 1.11.

Resolved Issues

Chinese Pharmacopeia Optical Resolution Measurement Label Changed

The following qualification tests have been modified to change the label for the Chinese Pharmacopeia Optical Resolution measurement for the peak near 2860 cm⁻¹. The label has been changed to: "Resolution 2870 – 2851 (%T)". This is a non-functional change and does not affect any results or how they are measured or calculate. It is strictly a cosmetic label change.

"Nicolet iN10 - Factory (CP,JP,PHEUR,PV,USP) - PV"
"Nicolet iN5 Microscope DTGS KBr - Factory (CP,JP,PHEUR,PV,USP) - PV"
"Nicolet iN5 Microscope MCTA KBr - Factory (CP,JP,PHEUR,PV,USP) - PV"
"Nicolet iS50 Main DTGS KBr - Factory (CP,JP,PHEUR,PV,USP) - PV"
"Nicolet iS50 Main DTGS XTKBr - Factory (CP,JP,PHEUR,PV,USP) - PV"
"Nicolet iS50 AEM DTGS KBr - Factory (CP,JP,PHEUR,PV,USP) - PV"
"Nicolet iS50 AEM DTGS XTKBr - Factory (CP,JP,PHEUR,PV,USP) - PV"
"Nicolet iS20 KBr - Factory (CP,JP,PHEUR,PV,USP) - PV"
"Nicolet iS20 XTKBr - Factory (CP,JP,PHEUR,PV,USP) - PV"
"Nicolet iS5 KBr - Factory (CP,JP,PHEUR,PV,USP) - PV"
"Nicolet iS5 ZnSe - Factory (CP,JP,PHEUR,PV,USP) - PV"
"Nicolet iZ10 KBr - Factory (CP,JP,PHEUR,PV,USP) - PV"
"Nicolet iZ10 XTKBr - Factory (CP,JP,PHEUR,PV,USP) - PV"
"Nicolet iS10 KBr - Factory (CP,JP,PHEUR,PV,USP) - PV"
"Nicolet iS10 XTKBr - Factory (CP,JP,PHEUR,PV,USP) - PV"
"Nicolet 380 system KBr - Factory (CP,JP,PHEUR,PV,USP) - PV"
"Nicolet 380 system XTKBr - Factory (CP,JP,PHEUR,PV,USP) - PV"
"Nicolet x700 KBr - Factory (CP,JP,PHEUR,PV,USP) - PV"
"Nicolet x700 XTKBr - Factory (CP,JP,PHEUR,PV,USP) - PV"

Known Issues

Label Mismatch When Upgrading From A Previous Version

If you have previously run any of the tests listed in the "Chinese Pharmacopeia Optical Resolution Measurement Label Changed" section, then the new label will not appear in the column header in the main ValPro Qualification tabbed spreadsheet. However, if you open and view an individual report for a particular

row in the table, the report will show the new label. To resolve this, you must backup and remove your results file from the results folder for each of the test(s) listed above. The next time the test is run, the software will automatically create a new results file and the new label will appear in the column header in the main ValPro Qualification tabbed spreadsheet and in the individual reports.

VALPRO QUALIFICATION PV METHODS FOR FTIR v1.10

Release Date: March-2022

Supported Operating Systems

Windows 10 64-bit

New Features

Version Updated To 1.10

The product version has been updated to 1.10.

New Qualification Test Added

The following new qualification test has been added to support the new European Pharmacopeia optical resolution requirements on systems with iS50 Raman module installed:

“Nicolet iS50 system with Raman accessory, 1064 InGaAs CaF2 (2022) - Factory”

Resolved Issues

The script header file digital signature has been corrected for the method:

“Nicolet iS50 system with Raman accessory, 1064 InGaAs CaF2 - Factory”

Known Issues

None

VALPRO QUALIFICATION PV METHODS FOR FTIR v1.9

Release Date: May-2021

Supported Operating Systems

Windows 7 32-Bit

Windows 7 64-bit

Windows 10 64-bit

New Features

Version Updated To 1.9

The product version has been updated to 1.9.

New Qualification Test Added

None

Resolved Issues

The limits in the following method for JP Transmission and JP Reflectance have been updated to accurately reflect the JP requirements for the Repeatability measurements:

“Nicolet iN10 - Factory (CP,JP,PHEUR,PV,USP) - PV”

Known Issues

None

VALPRO QUALIFICATION PV METHODS FOR FTIR v1.8

Release Date: Oct-2020

Supported Operating Systems

Windows 7 32-Bit

Windows 7 64-bit

Windows 10 64-bit

New Features**Version Updated To 1.8**

The product version has been updated to 1.8.

New Qualification Test Added

The following new qualification test has been added to support Nicolet iS™50 series spectrometers with an iS50 Raman module installed:

“Nicolet iS50 system with Raman accessory, 1064 InGaAs CaF2 - Factory”

Resolved Issues

None

Known Issues

None

VALPRO QUALIFICATION PHEUR METHODS FOR FTIR v1.7

Release Date: Oct-2019

Supported Operating Systems

Windows 7 32-Bit

Windows 7 64-bit

Windows 10 64-bit

New Features**Version Updated To 1.7**

The product version has been updated to 1.7.

Resolved Issues**Automatic ATR Correction Removed**

The following qualification tests have been modified by removing the automatic ATR correction step.

“Nicolet iS50 system with integrated diamond ATR and built-in DTGS - PV”

“Smart iTR accessory for iZ10 - PV”

“Smart iTR accessory - PV”

“Smart iTX accessory for iZ10 - PV”

“Smart iTX accessory - PV”

Known Issues

None

VALPRO QUALIFICATION PV METHODS FOR FTIR v1.4

Release Date: June-2019

Supported Operating Systems

Windows 7 32-Bit

Windows 7 64-bit

Windows 10 64-bit

New Features**Version Updated To 1.4**

The product version has been updated to 1.4.

Resolved Issues**Qualification Test Limits Corrected**

The following qualification tests have been modified to correct the limit values for Optical resolution (1589-1583) and Wavenumber Accuracy (3060.0, 2849.5, 1942.9) for their JP sections, and only Optical resolution (1589-1583) for their respective CP sections. Beam path and purge shutters were set correctly for the iS50 system qualification tests.

"Nicolet iN5 Microscope DTGS KBr - Factory (CP,JP,PHEUR,PV,USP) - PV"
"Nicolet iN5 Microscope MCTA KBr - Factory (CP,JP,PHEUR,PV,USP) - PV"
"Nicolet iN10 - Factory (CP,JP,PHEUR,PV,USP) - PV"
"Nicolet 380 system KBr - Factory (CP,JP,PHEUR,PV,USP) - PV"
"Nicolet 380 system XTKBr - Factory (CP,JP,PHEUR,PV,USP) - PV"
"Nicolet iS5 KBr - Factory (CP,JP,PHEUR,PV,USP) - PV"
"Nicolet iS5 ZnSe - Factory (CP,JP,PHEUR,PV,USP) - PV"
"Nicolet iS10 KBr - Factory (CP,JP,PHEUR,PV,USP) - PV"
"Nicolet iS10 XTKBr - Factory (CP,JP,PHEUR,PV,USP) - PV"
"Nicolet iS20 KBr - Factory (CP,JP,PHEUR,PV,USP) - PV"
"Nicolet iS20 XTKBr - Factory (CP,JP,PHEUR,PV,USP) - PV"
"Nicolet iS50 AEM DTGS KBr - Factory (CP,JP,PHEUR,PV,USP) - PV"
"Nicolet iS50 AEM DTGS XTKBr - Factory (CP,JP,PHEUR,PV,USP) - PV"
"Nicolet iS50 Main DTGS KBr - Factory (CP,JP,PHEUR,PV,USP) - PV"
"Nicolet iS50 Main DTGS XTKBr - Factory (CP,JP,PHEUR,PV,USP) - PV"
"Nicolet iZ10 KBr - Factory (CP,JP,PHEUR,PV,USP) - PV"
"Nicolet iZ10 XTKBr - Factory (CP,JP,PHEUR,PV,USP) - PV"
"Nicolet x700 KBr - Factory (CP,JP,PHEUR,PV,USP) - PV"
"Nicolet x700 XTKBr - Factory (CP,JP,PHEUR,PV,USP) - PV"

Known Issues

None

VALPRO QUALIFICATION PV METHODS FOR FTIR v1.3

Release Date: March-2019

Supported Operating Systems

Windows 7 32-Bit

*Windows 7 64-bit
Windows 10 64-bit*

New Features

Version Updated To 1.3

The product version has been updated to 1.3.

New Qualification Tests Added

The following new qualification tests have been added to support Nicolet iS™50 and 380™ series spectrometers:

- "Nicolet iS50 system with integrated diamond ATR and built-in DTGS - PV"
- "Nicolet iS50 system with DTGS in built-in position KBr - PV"
- "Nicolet iS50 system with AEM DTGS KBr - PV"
- "Nicolet 380 system KBr - PV"
- "Nicolet iS50 system with DTGS in built-in position XTKBr - PV"
- "Nicolet iS50 system with AEM DTGS XTKBr - PV"
- "Nicolet 380 system XTKBr - PV"
- "Nicolet iS50 system, Near IR Integrating Sphere, XTKBr (validation wheel) - PV"
- "Nicolet iS50 system, Near IR Integrating Sphere, CaF2 (validation wheel) - PV"
- "Nicolet iS50 system, Near IR SabIR/Fiber Probe, XTKBr (validation wheel) - PV"
- "Nicolet iS50 system, Near IR SabIR/Fiber Probe, CaF2 (validation wheel) - PV"
- "Nicolet iS50 system with Raman accessory, 1064 InGaAs CaF2 - PV"
- "Smart iTR accessory for iS50 AEM - PV"
- "Smart iTX accessory for iS50 AEM - PV"
- "Smart Diffuse accessory for iS50 AEM - PV"
- "Smart Diffuse accessory for iZ10 – PV"
- "Nicolet iS50 Main DTGS KBr - Factory (CP,JP,PHEUR,PV,USP) - PV"
- "Nicolet iS50 AEM DTGS KBr - Factory (CP,JP,PHEUR,PV,USP) - PV"
- "Nicolet 380 system KBr - Factory (CP,JP,PHEUR,PV,USP) - PV"
- "Nicolet iS50 Main DTGS XTKBr - Factory (CP,JP,PHEUR,PV,USP) - PV"
- "Nicolet iS50 AEM DTGS XTKBr - Factory (CP,JP,PHEUR,PV,USP) - PV"
- "Nicolet 380 system XTKBr - Factory (CP,JP,PHEUR,PV,USP) - PV"

Resolved Issues

None

Known Issues

None

VALPRO QUALIFICATION PV METHODS FOR FTIR v1.2

Release Date: Feb-2019

Supported Operating Systems

*Windows 7 32-Bit
Windows 7 64-bit
Windows 10 64-bit*

New Features

Version Updated To 1.2

The product version has been updated to 1.2.

New Qualification Tests Added

The following new qualification tests have been added to support Nicolet iS™5, x700 series the iN™10 spectrometers:

- "Nicolet iS5 system KBr - PV"
- "Nicolet iS5 system ZnSe - PV"
- "Nicolet x700 system KBr - PV"
- "Nicolet x700 system XTKBr - PV"
- "Nicolet iN10 Microscope - PV"
- "Nicolet iN10 Microscope Ge ATR for MCT- PV"
- "Nicolet iS5 KBr - Factory (CP,JP,PHEUR,PV,USP) - PV"
- "Nicolet iS5 ZnSe - Factory (CP,JP,PHEUR,PV,USP) - PV"
- "Nicolet x700 KBr - Factory (CP,JP,PHEUR,PV,USP) - PV"
- "Nicolet x700 XTKBr - Factory (CP,JP,PHEUR,PV,USP) - PV"
- "Nicolet iN10 - Factory (CP,JP,PHEUR,PV,USP) - PV"

Resolved Issues

None

Known Issues

None

VALPRO QUALIFICATION PV METHODS FOR FTIR v1.1

Release Date: Nov-2018

Supported Operating Systems

Windows 7 32-Bit

Windows 7 64-bit

Windows 10 64-bit

New Features**Version Updated To 1.1**

The product version has been updated to 1.1.

New Qualification Tests Added

The following new qualification tests have been added to support Nicolet iN™5, iS™20 spectrometers, iZ™10 module and Smart™ Accessories:

- "Nicolet iN5 Microscope using ATR with MCTA Detector KBr - PV"
- "Nicolet iN5 Microscope DTGS Detector KBr REF - PV"
- "Nicolet iN5 Microscope DTGS Detector KBr TRN - PV"
- "Nicolet iN5 Microscope MCTA Detector KBr REF - PV"
- "Nicolet iN5 Microscope MCTA Detector KBr TRN - PV"
- "Nicolet iN5 Microscope DTGS KBr - Factory (CP,JP,PHEUR,PV,USP) - PV"
- "Nicolet iN5 Microscope MCTA KBr - Factory (CP,JP,PHEUR,PV,USP) - PV"
- "Nicolet iS10 KBr - Factory (CP,JP,PHEUR,PV,USP) - PV"
- "Nicolet iS10 XTKBr - Factory (CP,JP,PHEUR,PV,USP) - PV"
- "Nicolet iS20 system KBr - PV"
- "Nicolet iS20 system XTKBr - PV"
- "Nicolet iS20 KBr - Factory (CP,JP,PHEUR,PV,USP) - PV"
- "Nicolet iS20 XTKBr - Factory (CP,JP,PHEUR,PV,USP) - PV"
- "Nicolet iZ10 system KBr - PV"
- "Nicolet iZ10 system XTKBr - PV"

"Nicolet iZ10 KBr - Factory (CP,JP,PHEUR,PV,USP) - PV"
"Nicolet iZ10 XTKBr - Factory (CP,JP,PHEUR,PV,USP) - PV"
"Smart iTR accessory for iZ10 - PV"
"Smart iTR accessory - PV"
"Smart iTX accessory for iZ10 - PV"
"Smart iTX accessory - PV"
"Smart Diffuse accessory - PV"
"Smart Orbit Diamond accessory for iZ10 - PV"
"Smart Orbit Diamond accessory - PV"
"Smart Performer ZnSe accessory for iZ10 - PV"
"Smart Performer ZnSe accessory - PV"

Resolved Issues

None

Known Issues

None

VALPRO QUALIFICATION PV METHODS FOR FTIR v1.0

Release Date: June-2018

Supported Operating Systems

Windows 7 32-Bit
Windows 7 64-bit
Windows 8.1 64-bit
Windows 10 64-bit

New Features

Initial release, all features are new. Correct operation requires ValPro Qualification 2.9 (or newer). This release includes the following ValPro Qualification tests to support Nicolet iS™10 spectrometers:

"Nicolet iS10 system KBr - PV"
"Nicolet iS10 system XTKBr - PV"

Resolved Issues

Initial Release, all features are new.

Known Issues

None

How to Contact Us

Current contact information is located at www.thermofisher.com

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