

## Why are environmental conditions are not specified on the CoA for the Chemical Solutions UV Calibration Kit - INTERNAL ONLY

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### INTERNAL ONLY

THIS POST IS OBSOLETE, INCORRECT AND WILL BE REPLACED IN THE FUTURE.

If you've ever wondered why the Certificate of Analysis (CoA) for the UV Calibration Kit doesn't mention environmental conditions like temperature or humidity, here's a simple explanation:

#### **Controlled Conditions During Manufacturing**

The replacement absorbance solutions in the UV Calibration Kit are prepared in a tightly controlled laboratory environment, typically maintained between 20–25 °C. This temperature range is standard for analytical labs and ensures consistent, reliable results.

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#### **Why Temperature Isn't Listed on the CoA**

Within the 20–25 °C range, any variation in absorbance values is minimal and not significant enough to impact the CoA data. That's why specific environmental conditions aren't reported—they simply don't affect the results in a meaningful way under these conditions.

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#### **What About the Stray Light Test?**

Good question! The stray light test is more sensitive to temperature changes. That's why the UV Calibration Kit software includes a built-in temperature correction factor. This feature allows users to adjust for unusual lab temperatures, ensuring accurate results even outside the standard range.

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#### **Humidity and Other Conditions**

Other environmental factors, like relative humidity, do not affect the performance of the UV Calibration Kit. The testing process is designed to be independent of these variables, so you don't need to worry about them.

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 Need to order a UV Calibration Kit or see product images? Click [HERE](#) for more information

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