Sarah Tanja <stanja@uw.edu>

Method or protocol written out for how to measure chlorophyll with the NanoDrop 2000c

2 messages

CAD - Nanodrop Technical Support <nanodrop@thermofisher.com>
To: "stanja@uw.edu" <stanja@uw.edu>

Tue, May 28, 2024 at 9:45 AM

Hello Sarah,

Thank you for your email. Please see link to below to a protocol that we have published for measuring chlorophyll on the NanoDrop One. It is important to note that the pre-defined custom method mentioned in the document is only compatible with the NanoDrop One, and not with the NanoDrop 2000.

quantify-chlorophyll-a-and-chlorophyll-b-with-custom-method-T141.pdf (thermofisher.com)

You can replicate the Custom Method on your NanoDrop 2000 by following the attached protocol and using the below guidelines in the "Method Editor" application:

- Wavelength range Visible (350–850 nm)
- Extinction coefficient 74.8 g/L
- Analysis wavelength 666 nm
- Correction for analysis wavelength 750 nm
- Baseline correction 750 nm
- Automated pathlength On

If you have any questions, please do not hesitate to contact me; it is my pleasure to assist you. I can best be reached by email at nanodrop@thermofisher.com, and typing Attention: Moira in the subject bar. If I am unavailable, any member of our Technical Support Team would be happy to assist you at 877-724-7690.

Best,
Moira Abbott
Technical Application Specialist II
Thermo Scientific NanoDrop Products

Thermo Fisher Scientific
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Description

**********Arrived in ELOQUA on 5/23/2024**********

Hi!
Do you have a method or protocol written out for how to measure chlorophyll with the NanoDrop 2000c?

ref:!00D6007AQI.!5004z01woc5n:ref

Sarah Tanja <stanja@uw.edu> Tue, May 28, 2024 at 10:21 AM
To: CAD - Nanodrop Technical Support <nanodrop@thermofisher.com>

Thank you so much for the info!
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