



DIONEX

Performance Qualification

• Wavelength Accuracy of the DAD

• Instruments and Fluidics

Instrument Name	Model	Supplier's Name	Serial Number
Pump	G1311A	DIONEX	DE40926267
Autosampler	G1329A	DIONEX	DE03013070
Column Oven	Other	DIONEX	not available
UV Detector	G1315A	DIONEX	DE60555545
Chromeleon Datasystem	V. 6.80 SR15 Build 4656 (243203)	DIONEX	1904

Accessories

	Name
Back Pressure Device	Capillary (L:15 m; ID:0,18 mm)
Sample 1	Pyrene in Methanol 3 µg/ml
Solvent A for Wavelength Accuracy	Methanol (HPLC-Grade)

Additional Information

Customer: Customer's Name
 Operator: Operator's Name
 Operator's Jobtitle

Execution Date: juin-26-20
 Next Qualification: déc-20

• Limits, Values and Test Results

	Limit	Obs. Value	Result
Wavelength Accuracy at 272,1 nm	+/- 2,00 nm	-0,38 nm	Test passed
Wavelength Accuracy at 333,3 nm	+/- 2,00 nm	0,39 nm	Test passed

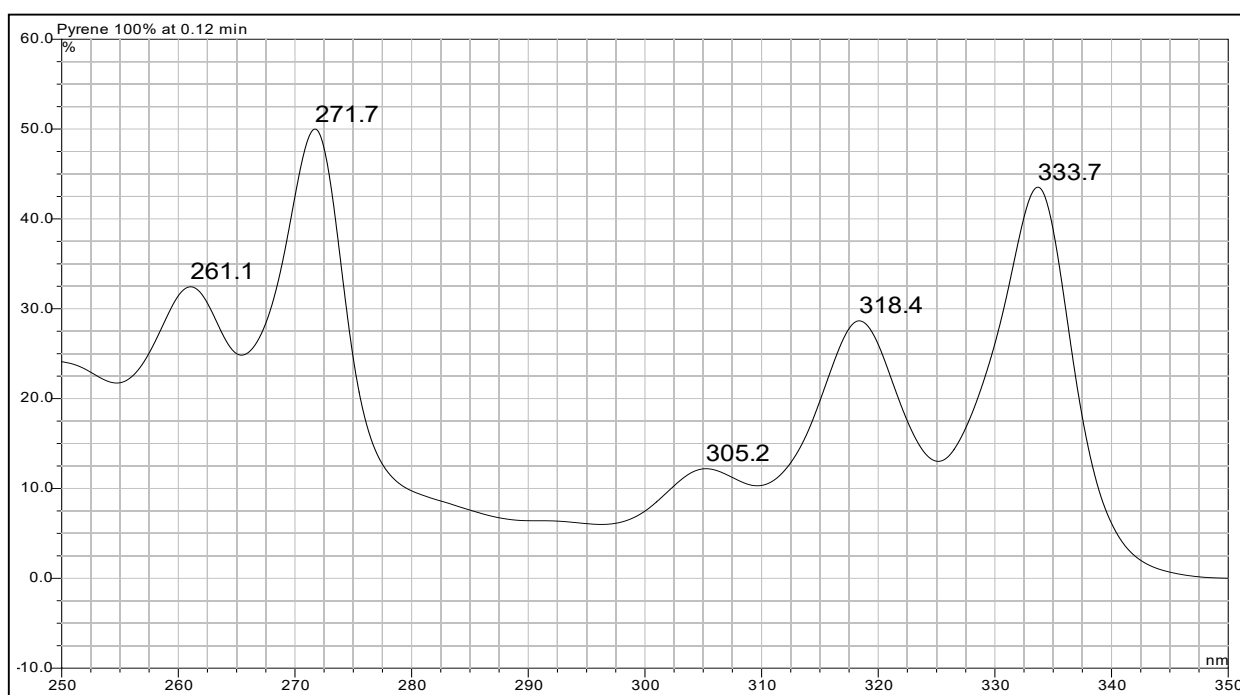
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• **Data for the Wavelength Accuracy Test (DAD)**

Testpoint	Observed Wavelength [nm]	Expected Wavelength [nm]	Abs.Critical Deviation[nm]	Calculated Deviation[nm]	Result
Pyrene Maximum 1	271,72	272,10	2,00	-0,38	ok
Pyrene Maximum 2	333,69	333,30	2,00	0,39	ok

• **Pyrene-Spectrum for the Wavelength Accuracy Test (DAD)**



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