

# Specific Test Report

UV/VIS Spectrophotometer

Serial Number

Chip-ID

UV5Nano

B912389263

01A5E0EE1A00002C

We herewith certify that the above mentioned device or board has been tested and fulfils the technical specifications listed in this document.

The complete test report is filed in our archives. All tests have been performed according to test instructions TST-30254729.

		Tested	Measured Value	Criterion/Tolerance*	Passed
1	Wavelength accuracy - Xe cuvette	✓	n.a.	Operability	Yes
1.1	Deviation (260.6 nm) [nm]	✓	-0.10	<=+-1.0	Yes
2	Wavelength accuracy - Xe micro volume	✓	n.a.	Operability	Yes
2.1	Deviation (260.6 nm) [nm]	✓	0.10	<=+-1.0	Yes
3	Resolution Toluene cuvette	✓	n.a.	Operability	Yes
3.1	Ratio	✓	2.08	>1.7	Yes
4	Stray light EUP - KCl cuvette	✓	n.a.	Operability	Yes
4.1	Absorbance (198 nm) [A]	✓	1.82141	>1.7	Yes
5	Photometric accuracy - K2Cr2O7 cuvette	✓	n.a.	Operability	Yes
5.1	Deviation (430 nm) [A]	✓	0.00768	<=+-0.010	Yes
6	Wavelength repeatability - Xe cuvette	✓	n.a.	Operability	Yes
6.1	s (260.50 nm) [nm]	✓	0.00	<0.15	Yes
7	Wavelength repeatability - Xe micro volume	✓	n.a.	Operability	Yes
7.1	s (260.70 nm) [nm]	✓	0.00	<0.15	Yes
8	Photometric repeatability - K2Cr2O7 cuvette	✓	n.a.	Operability	Yes
8.1	s (430 nm) [A]	✓	0.00217	<=0.005	Yes
9	Interfaces	✓	n.a.	Operability	Yes
10	Micro volume path length	✓	n.a.	Operability	Yes

n.a. Not applicable

\* Recommended ambient temperature (for guaranteed performance) 20...25 °C

Test passed

Yes

Delivered with

Sensorboard Chip ID

2DA745ED240000EB

Spectrograph SNR

B838469397

Deviceboard Chip ID

2D3702DA26000063

Test performed

Nänikon

14.01.2019

Name

S.Utz

METTLER TOLEDO

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