

# Implen NanoPhotometer®

Instrument Type NP80  
Version NPOS 4.2e build 14900  
Serial Number T81161  
Selftest passed 2021-03-26; 19:21  
Date 2021-03-28  
Time 11:32:24

## Parameter

Method Wavescan Heat To 37°C Off  
Mode Cuvette Baseline Correction Off  
Pathlength (mm) 10 Smoothing 1  
Start Wavelength 200 Manual Dilution Factor 1.000  
End Wavelength 900

#	Name	λ 1	Abs. 1	λ 2	Abs. 2	λ 3	Abs. 3	λ 4	Abs. 4
1	Blank 1								
2	Cu(OAC)2 DPA 1mM	580	2.366	621	2.210	847	2.138	865	1.777
3	Cu(OAC)2 DPA 1mM 1	695	1.735	706	1.741	889	0.558		
4	DPA 1mM 3.20	319	2.028	524	1.993	537	2.032		
5	Blank 2								
6	MXene in water	704	2.700	720	2.700	746	2.700	768	2.700

#	Name	λ 5	Abs. 5	λ 6	Abs. 6	λ 7	Abs. 7	λ 8	Abs. 8
1	Blank 1								
2	Cu(OAC)2 DPA 1mM	889	0.978						
3	Cu(OAC)2 DPA 1mM 1								
4	DPA 1mM 3.20								
5	Blank 2								
6	MXene in water	806	2.700	828	2.700	838	2.700	847	2.700

## Parameter

Method Wavescan Heat To 37°C Off  
Mode Cuvette Baseline Correction Off  
Pathlength (mm) 0.5 Smoothing 1  
Start Wavelength 200 Manual Dilution Factor 1.000  
End Wavelength 900

#	Name	λ 1	Abs. 1	λ 2	Abs. 2	λ 3	Abs. 3	λ 4	Abs. 4
7	MXene in water 1	757	54.00	786	54.00	805	54.00	859	54.00
8	MXene in water 2	811	54.00	840	54.00	847	54.00	859	54.00

#	Name	λ 5	Abs. 5	λ 6	Abs. 6	λ 7	Abs. 7	λ 8	Abs. 8
7	MXene in water 1								
8	MXene in water 2	880	54.00	890	54.00				

Parameter

Method	Wavescan	Heat To 37°C	Off
Mode	Cuvette	Baseline Correction	Off
Pathlength (mm)	10	Smoothing	1
Start Wavelength	200	Manual Dilution Factor	1.000
End Wavelength	900		

#	Name	λ 1	Abs. 1	λ 2	Abs. 2	λ 3	Abs. 3	λ 4	Abs. 4
9	MXene in water 3	754	2.700	776	2.700	786	2.700	815	2.700
10	MXene in water 4	774	1.992	889	2.047				
11	MXene in water 5	786	0.561	832	0.502	848	0.616	889	0.484

  

#	Name	λ 5	Abs. 5	λ 6	Abs. 6	λ 7	Abs. 7	λ 8	Abs. 8
9	MXene in water 3	849	2.700	864	2.700	876	2.700		
10	MXene in water 4								
11	MXene in water 5								

