

Implen NanoPhotometer®

Instrument Type NP80
Version NPOS 4.2e build 14900
Serial Number T81161
Selftest passed 2021-07-09; 14:40
Date 2021-07-14
Time 11:20:09

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
1	Blank 1							
2	Blank 2							
3	DPA-HS AuNP	218	2.700	229	2.700	594	1.641	
4	DPA-HS AuNP 6,4	208	2.555	228	2.700	536	1.702	545
5	DPA-HS AuNP 6,8	220	2.700	231	2.700	629	1.158	
6	DPA-HS-Cu AuNP 6,4	229	2.700	855	0.274			
7	DPA-HS-Cu AuNP 6,30	206	2.238	231	2.700			
8	DPA-HS AuNP 6,30	206	2.487	233	2.700	533	1.751	
9	DPA-HS AuNP 7,9	235	2.700	532	1.654			
10	Mn acetate 1mm	234	2.700	849	0.123			
11	Mn acetate 1mm-Aunp	207	2.552	233	2.700	245	2.700	538
12	Fe acetate 1mm							
13	Fe acetate 10mm	213	2.320					
14	Fe acetate 10mm_Aunp	210	2.674	232	2.700	518	1.108	

#	Name	Abs. 4	λ 5	Abs. 5
1	Blank 1			
2	Blank 2			
3	DPA-HS AuNP			
4	DPA-HS AuNP 6,4	1.728	581	1.696
5	DPA-HS AuNP 6,8			
6	DPA-HS-Cu AuNP 6,4			
7	DPA-HS-Cu AuNP 6,30			
8	DPA-HS AuNP 6,30			
9	DPA-HS AuNP 7,9			
10	Mn acetate 1mm			
11	Mn acetate 1mm-Aunp	0.837		
12	Fe acetate 1mm			
13	Fe acetate 10mm			
14	Fe acetate 10mm_Aunp			

