

Implen NanoPhotometer®

Instrument Type NP80
Version NPOS 4.2e build 14900
Serial Number T81161
Selftest passed 2020-09-10; 11:14
Date 2020-09-16
Time 15:24:08

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	BTT-AuNP-100 etoh							
3	BTT-AuNP-5 95	209	1.345	219	0.595	322	0.104	862
4	BTT-AuNP-10 90	787	0.551	854	1.314	875	1.274	889
5	BTT-AuNP-20 80	738	2.427					
6	BTT-AuNP-25 75	507	2.407	524	2.231	542	2.311	571
7	BTT-AuNP-50 50	221	0.968	749	0.431	783	0.557	801
8	BTT-AuNP-50 50 2	209	2.415	430	2.380	476	2.220	514
9	BTT-AuNP-100 ch3cl3	322	0.794	775	0.955	813	1.591	837

#	Name	Abs. 4	λ 5	Abs. 5	λ 6	Abs. 6	λ 7	Abs. 7
1	Blank 1							
2	BTT-AuNP-100 etoh							
3	BTT-AuNP-5 95	0.136						
4	BTT-AuNP-10 90	0.675						
5	BTT-AuNP-20 80							
6	BTT-AuNP-25 75	2.206	612	2.355				
7	BTT-AuNP-50 50	0.508	817	0.501	848	1.934	867	1.978
8	BTT-AuNP-50 50 2	2.107	550	2.054	559	2.066	619	2.164
9	BTT-AuNP-100 ch3cl3	1.695	854	1.986	873	1.979	888	1.012

#	Name	λ 8	Abs. 8	λ 9	Abs. 9	λ 10	Abs. 10
1	Blank 1						
2	BTT-AuNP-100 etoh						
3	BTT-AuNP-5 95						
4	BTT-AuNP-10 90						
5	BTT-AuNP-20 80						
6	BTT-AuNP-25 75						
7	BTT-AuNP-50 50	889	0.498				
8	BTT-AuNP-50 50 2	647	2.354	657	2.326	805	2.191

