

Sample	Wavelength	2 M Stock solution (unbuffered in MQ water)	250 mM solution in MQ water	250mM Solution in MQ Water (BR)
VWR/PROLABO	260 nm	1.249	0.141	
VWR/PROLABO	280 nm	1.628	0.192	
VWR/PROLABO	320 nm	1.259	0.139	
VWR/MERK	260 nm	0.060	0.010	
VWR/MERK	280 nm	0.049	0.002	0.028
VWR/MERK	320 nm	0.028	0.002	
Opened Sigma	260 nm	1.386	0.158	
Opened Sigma	280 nm	1.545	0.178	
Opened Sigma	320 nm	0.931	0.104	
Unopened Sigma	260 nm	2.277	0.276	
Unopened Sigma (Sigma Aldrich I2399-500G)	280 nm	2.734	0.327	0.293
Unopened Sigma	320 nm	1.258	0.147	
Sigma Aldrich 56750-500G puriss. > 99.5%	280nm	-		0.420
Sigma Aldrich 56749-250G (mean)	280nm	-		0.005
Merck for synthesis >99% , 8.14223	280 nm	-		0.332
Merck Buffer substance 1.04716 ACS purity	280 nm	-		0.028

- VWR/PROLABO, Cat#24720.157, Batch: 07F180052
- VWR/MERK, Cat# 1.04716.1000, Lot: LO12164316.
- Opened Sigma (cat. I2399-500G, Lot# 050M01771V), in use for about one year.
- Unopened Sigma (cat. I2399-500G, Lot# 051M00841V). Brand new bottle, opened just before an experiment.