# Supplementary materials

Table S1 - Solubilisation and dilution solutions of standard compounds

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Compound | Solubilisation solution | Dilution solution | Initial concentration [mg.ml-1] | Final concentration [mg.ml-1] | Detection mode |
| 2,2'-Bipyridine | MeOH | H2O | 1 | 0.02 | UV |
| 2,2'-Dinaphthyl Ether | MeOH | MeOH/H2O 50:50 | 1 | 0.02 | UV |
| 2,3-Dihydroxybenzoic acid | MeOH | H2O | 1 | 0.02 | UV |
| 2'-3'-Dideoxyadenosine | H2O | H2O | 1 | 0.02 | UV |
| 2'-Deoxyguanosine | H2O | H2O | 1 | 0.02 | UV |
| 3,4-Dihydroxybenzoic acid | MeOH | H2O | 1 | 0.02 | UV |
| 3,5-Dichlorophenol | MeOH | H2O | 1 | 0.02 | UV |
| 3-Aminobenzoic acid | H2O | H2O | 1 | 0.02 | UV |
| 3-Cyanopyridine | MeOH/H2O 30:70 | H2O | 1 | 0.02 | UV |
| 4-Aminobenzoic acid | H2O | H2O | 1 | 0.02 | UV |
| 4-Aminophenol | MeOH | H2O | 1 | 0.02 | UV |
| 4-Aminosalicylic acid | MeOH | H2O | 1 | 0.02 | UV |
| 4-Hydroxybenzoic acid | MeOH | H2O | 1 | 0.02 | UV |
| 4-Nitrophenol | MeOH | H2O | 1 | 0.02 | UV |
| Acetic acid | H2O | H2O | 2.1 | 0.21 | UV |
| Acridone | MeOH | MeOH/H2O 50:50 | 1 | 0.02 | UV |
| Adenine | H2O | H2O | 1 | 0.1 | UV |
| Amitriptyline | MeOH | H2O | 1 | 0.02 | UV |
| Asparagine | H2O | H2O | 1 | 0.2 | ELS |
| Benzene | MeOH | H2O | 1.76 | 0.0352 | UV |
| Benzoic acid | H2O/MeOH 1:2 | H2O | 1 | 0.02 | UV |
| Benzyl alcohol | H2O | H2O | 2.08 | 0.0416 | UV |
| Betaxolol | H2O | H2O | 1 | 0.02 | UV |
| Biphenyl | MeOH | H2O | 1 | 0.02 | UV |
| Carteolol | MeOH | H2O | 1 | 0.02 | UV |
| Chlordiazepoxide | MeOH | H2O | 1 | 0.02 | UV |
| Chlorobenzene | MeOH | H2O | 2.22 | 0.0888 | UV |
| Chlorphenamine | MeOH | H2O | 1 | 0.02 | UV |
| Citric acid | H2O | H2O | 1 | 0.2 | UV |
| Coumarin | MeOH | H2O | 1 | 0.02 | UV |
| Cytidine | H2O | H2O | 1 | 0.02 | UV |
| Cytosine | H2O | H2O | 1 | 0.2 | UV |
| Danthron | MeOH | H2O | 1 | 0.02 | UV |
| Dibenzothiophene | MeOH | H2O | 1 | 0.02 | UV |
| Dopamine | H2O | H2O | 1 | 0.02 | UV |
| Dyphylline | H2O | H2O | 1 | 0.1 | UV |
| Estradiol | MeOH | H2O | 1 | 0.02 | UV |
| Ethylbenzene | MeOH | H2O | 1.74 | 0.0348 | UV |
| Etofylline | H2O | H2O | 1 | 0.1 | UV |
| Eugenol | MeOH | H2O | 2.12 | 0.0424 | UV |
| Gallic acid | H2O | H2O | 1 | 0.2 | UV |
| Gamma-Aminobutyric acid | H2O | H2O | 1 | 0.2 | ELS |
| Glucose | H2O/MeOH 30:70 | H2O | 1 | 0.2 | UV |
| Glutamic acid | H2O | H2O | 1 | 0.2 | ELS |
| Glutaric acid | H2O | H2O | 1 | 0.2 | ELS |
| Glycine | H2O | H2O | 1 | 0.2 | ELS |
| Hexylbenzene | MeOH | H2O | 3.44 | 0.1376 | UV |
| Hydroquinone | H2O | H2O | 1 | 0.02 | UV |
| Ibuprofen | MeOH | H2O | 1 | 0.04 | UV |
| Imipramine | MeOH | H2O | 1 | 0.02 | UV |
| Indole | MeOH | H2O | 1 | 0.02 | UV |
| Indomethacin | MeOH | H2O | 1 | 0.02 | UV |
| Lactic acid | H2O | H2O | 2.4 | 0.24 | UV |
| L-Arginine | H2O | H2O | 1 | 0.2 | ELS |
| L-Aspartic acid | H2O | H2O | 1 | 0.2 | ELS |
| Lysine | H2O | H2O | 1 | 0.2 | ELS |
| Malic acid | H2O | H2O | 1 | 0.2 | ELS |
| Mandelic acid | H2O | H2O | 1 | 0.02 | UV |
| Mefenamic acid | MeOH | MeOH/H2O 50:50 | 1 | 0.02 | UV |
| Methylpyrrolidone | H2O | H2O | 2.06 | 0.0824 | UV |
| Metoclopramide | MeOH | H2O | 1 | 0.02 | UV |
| Miconazole | MeOH | H2O | 1 | 0.02 | UV |
| Naphthalene | MeOH | H2O | 1 | 0.02 | UV |
| Niacin | H2O | H2O | 1 | 0.02 | UV |
| Niacinamide | H2O | H2O | 1 | 0.02 | UV |
| Nitrate | H2O | H2O | 1 | 0.2 | UV |
| Nitrite | H2O | H2O | 1 | 0.2 | UV |
| Oxazepam | MeOH | H2O | 1 | 0.02 | UV |
| Papaverine | MeOH | H2O | 1 | 0.02 | UV |
| Perphenazine | MeOH | H2O | 1 | 0.02 | UV |
| Phenanthrene | MeOH | H2O | 1 | 0.02 | UV |
| Phenethylamine | H2O 0.2% formic acid | H2O | 1.92 | 0.0384 | UV |
| Phenol | H2O | H2O | 1 | 0.02 | UV |
| Phenylacetic acid | H2O | H2O | 1 | 0.02 | UV |
| Phthalic acid | MeOH | H2O | 1 | 0.02 | UV |
| Pindolol | H2O/MeOH 50:50 | H2O | 0.5 | 0.02 | UV |
| Procainamide | H2O | H2O | 1 | 0.02 | UV |
| Promethazine | MeOH | H2O | 1 | 0.02 | UV |
| Quinoline | MeOH | H2O | 2.18 | 0.0436 | UV |
| Salicylic acid | H2O | H2O | 1 | 0.2 | UV |
| Serine | H2O | H2O | 1 | 0.02 | UV |
| Sulfamethazine | MeOH | H2O | 1 | 0.02 | UV |
| Sulfate | H2O | H2O | 3.68 | 0.1472 | ELS |
| Sulfite | H2O | H2O | 1 | 0.2 | ELS |
| Taurine | H2O | H2O | 1 | 0.2 | ELS |
| Tetracaine | MeOH | H2O | 1 | 0.02 | UV |
| Thioridazine | H2O | H2O | 1 | 0.02 | UV |
| Thiosulfate | H2O | H2O | 1 | 0.2 | UV |
| Thymine | H2O | H2O | 1 | 0.02 | UV |
| Toluene | MeOH | H2O | 1.74 | 0.0348 | UV |
| Tyrosine | H2O | H2O | 0.2 | 0.02 | UV |
| Uracil | H2O | H2O | 0.5 | 0.02 | UV |
| Uric acid | H2O + 1 drop ammonia 25% | H2O | 0.5 | 0.02 | UV |
| Uridine | H2O | H2O | 1 | 0.2 | UV |
| Verapamil | H2O | H2O | 1 | 0.02 | UV |
| Xanthine | H2O + 1 drop ammonia 25% | H2O | 1 | 0.1 | UV |