

# Drug Compatibility for Wizard™ Syringe Filters

The following list shows results of membrane adsorption tests, with starting concentrations and points of initial maximum drug recovery.

| <u>Generic Name</u>            | <u>Dosage</u>                   | <u>Maximum Drug Recovery</u> |
|--------------------------------|---------------------------------|------------------------------|
| Acetazolamide sodium           | 500 mg in 100mL D5W             | 100% @ 1 mL                  |
| Albumin                        | 5% Serum in 0.85% Saline        | 100% @ 1 mL                  |
| Ampicillin sodium              | 2 grams in 250 mL NSS           | 100% @ 1 mL                  |
| Bupivacaine hydrochloride      | 0.5% in NSS                     | 100% @ 0.3 mL                |
| Cefoxitin                      | 2 grams in 100 mL D5W           | 100% @ 1 mL                  |
| Cimetidine hydrochloride       | 300 mg in 100 mL D5W            | 100% @ 1 mL                  |
| Cisplatin                      | 200 mg/L in 0.9% Saline         | 100% @ 0.3 mL                |
| Dexamethasone sodium phosphate | 4 mg in 50 mL D5W               | 100% @ 1 mL                  |
| Dobutamine hydrochloride       | 100 mg in 100 mL D5W            | 100% @ 2.3 mL                |
| Dopamine hydrochloride         | 200 mg in 200 mL D5W            | 100% @ 1 mL                  |
| Doxorubicin hydrochloride      | 100 mg in 100 mL NSS            | 100% @ 2.3 mL                |
| Ephedrine hemisulfate          | 2.5% in NSS                     | 100% @ 0.3 mL                |
| Etoposide                      | 0.2 mg/mL in D5W                | 99% @ 1 mL                   |
| 5-Flourouracil                 | 500 mg in 500 mL D5W            | 100% @ 2.3 mL                |
| Insulin                        | 100 units in 500 mL NSS         | 98% @ 6.7 mL                 |
| Lidocaine hydrochloride        | 1.5% in NSS                     | 100% @ 0.3 mL                |
| Mannitol                       | 5% Mannitol in H <sub>2</sub> O | 100% @ 1 mL                  |
| Methotrexate sodium            | 219 mg in 500 mL D5W            | 99% @ 2.3 mL                 |
| Methyldopate hydrochloride     | 500 mg in 100 mL D5W            | 100% @ 2.3 mL                |

## Drug Compatibility for Wizard Syringe Filters, Continued

|                        |                             |               |
|------------------------|-----------------------------|---------------|
| Metronidazole          | 500 mg in 250 mL D5W        | 100% @ 1 mL   |
| Morphine sulfate       | 1.0 mg/mL NSS               | 100% @ 0.3 mL |
| Nitroglycerin          | 50 mg in 500 mL D5W         | 99% @ 5.6 mL  |
| Paclitaxel             | 0.3 mg/mL D5W & 0.9% Saline | 100% @ 2.3 mL |
| Penicillin G potassium | 5 million units/100 mL D5W  | 98% @ 5.6 mL  |
| Procaine hydrochloride | 1.5% in NSS                 | 100% @ 0.3 mL |
| Sodium Citrate         | 40 mg/L in H <sub>2</sub> O | 100% @ 0.3 mL |
| Sodium nitroprusside   | 50 mg in 250 mL D5W         | 100% @ 1 mL   |
| Sulfamethoxazole       | 800 mg in 500 mL D5W        | 100% @ 1 mL   |
| Trimethoprim           | 160 mg in 500 mL D5W        | 100 @ 2.3 mL  |
| Vidarabine             | 450 mg in 1 liter D5W       | 100% @ 1 mL   |
| Vinblastine sulfate    | 10 mg in 50 mL D5W          | 100% @ 2.3 mL |
| Vincristine sulfate    | 5 mg in 50 mL D5W           | 100% @ 2.3 mL |