**BOMAZINE 2% (XYLAZINE 2%)**

Bomazine 2% (Xylazine 2%) = 20mg/ml

Calf estimated weight = 120kg

Dose = 0.05mg/kg

**Calculation**

Amount to be administered using the dosage of 0.05mg/kg

Bomazine 2% = $\frac{120kg x 0.05mg/kg}{20mg/ml}$ = 0.3ml

**Use:**

Sedation, analgesia and muscle relaxation

**Contraindications**

Do not use in weak or debilitated animals. Do not give in animals that receive epinephrine or have active ventricular arrhythmias. Used with extreme caution in animals with cardiac dysfunction, hypotension, shock, respiratory dysfunction, severe hepatic or renal insufficiency. This drug is not approved for use in food animals.

**Other information**

0.3mls of Bomazine 2% (Xylazine 2%) was drawn in a 1ml syringe. The syringe was then filled to the 1ml mark with saline. This is to ensure that the animal received all of the drug for maximum effect.

**Route of administration**

Intramuscular

**Reference**

Plumb, D.C., 2011, Plumb’s Veterinary Drug Handbook, 7th ed, PharmaVet Inc, Willey-Blackwell, Wisconsin