

Are you concerned about the quality of your compounded medications?

Improper compounding techniques can lead to deviation from label claim

Dear Veterinarian and Veterinary Staff:

Compounding requires precise measurement and testing to ensure that the medication is accurate and effective.

Compounding is based on ancient chemistry techniques, such as grinding, crushing, distilling, mixing and shaking. Many veterinary pharmacists are still using these techniques today to create compound medications.

These techniques are inherently inaccurate and can lead to a number of problems with the medication:

- Incorrect dosage: The actual amount of active ingredient differs from that which is claimed on the label.
- Wrong drug: It is not required to test the compounded medication before it is sold.
- Expiry date: The term of the drug's effectiveness is mostly unknown.
- Storage issues: Proper storage criteria have not been established.

A manufacturer of veterinary medications tested compounded medications from various pharmacies and discovered that some of the compounds had a 30% deviation from the label claim. This amount of error is unacceptable.

Fortunately, our pharmacy has been able to achieve more accurate results. We use highly standardized compounding methods and more accurate equipment to reduce the error rate. Every batch of compound goes through a routine testing protocol before it is sold. Eighty percent of our compounds are tested within 2% accurate of the label claims.

Please watch for our next newsletters. We'll explain the details involved in the standardization of the compounding process as well as the testing procedures that are used to ensure the quality of the compounded medication. We strive to be the best veterinary compounding pharmacy in Canada and we are committed to helping veterinarians and their practices.