

MERCK ANIMAL HEALTH

VETERINARY TECHNICAL BULLETIN

CANINSULIN®: SPECIFICATIONS AND NORMAL PHYSICAL APPEARANCE

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WHAT IS THE NORMAL APPEARANCE OF CANINSULIN®?

Caninsulin® is a 40 IU/mL insulin suspension for subcutaneous injection. During storage, Caninsulin® can form sediment in the bottom of the vial or cartridge. Therefore, after opening, and before each use, Caninsulin® should be evenly mixed until a homogeneous, uniformly milky suspension is obtained. It is normal to see sand-like particles after re-suspension. Insulin crystals may also stick to the glass.

WHAT SHOULD I DO IF THERE ARE WHITE FLAKES OR IF THERE ARE LARGER PARTICLES FLOATING?

Investigations demonstrated that the agglomerates consist entirely of insulin material with no foreign matter. After re-suspension the insulin content of vials or cartridges with agglomerates is comparable to the insulin content of vials or cartridges where no agglomerate was observed. Agglomerates can generally be broken and re-suspended by agitating the vial or cartridge for 30 seconds. The occurrence of agglomerates occurs routinely, particularly after prolonged storage without re-suspension and is a general inherent characteristic of insulin suspensions.

GENERAL RECOMMENDATIONS TO PRACTITIONERS AND PET OWNERS

Given this information, we suggest that you observe the vial or cartridge before dispensing it. Before each use, the Caninsulin® vial or cartridge should be gently inverted at least 10 times until a homogeneous, uniformly milky suspension is obtained. Foam or bubbles on the surface of the suspension formed during mixing should be allowed to disperse before the product is used. Most of the time, agglomerates in the Caninsulin® suspension disperse after mixing for 30 seconds.

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STORAGE CONDITIONS

The contents of the 2.5- and 10-mL vials should be used within 6 weeks and stored below 25°C after the first dose is removed. We have broached stability data showing no significant loss of potency if stored at room temperature (< 25°C) for up to 6 weeks.

For the 2.7 mL cartridge, data shows no loss of potency after 4 weeks (28 days) stored at room temperature (<25°C) after first dose is removed.

Store Caninsulin® upright between 2° and 8°C protected from light and from freezing. Do not use if clumps, particles, or flocculation are present in the vial after mixing thoroughly. If this occurs, please call customer service at 1-866-683-7838 for replacement.

SUMMARY

- Caninsulin® should be evenly mixed before use.
- The contents of the 2.5 mL and 10 mL vials should be used within 6 weeks and stored below 25°C after the first dose is removed.
- The 2.7 mL cartridge (for use only with VetPen® insulin delivery pen) should be used within 28 days and stored below 25°C after the first dose is removed.



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To report an adverse event,

product-related problem or human exposure,
or for after-hours emergencies,
please call 1-866-683-7838.

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