

Approval Date: April 20, 2007

FREEDOM OF INFORMATION SUMMARY

**ORIGINAL ABBREVIATED NEW ANIMAL
DRUG APPLICATION**

ANADA 200-408

Butorphanol Tartrate Injection (2 mg/mL)

Indicated for the relief of pain in cats caused by major or minor trauma, or pain associated with surgical procedures

Sponsored by:

IVX Animal Health, Inc.

FREEDOM OF INFORMATION SUMMARY

1. GENERAL INFORMATION:

- a. File Number: ANADA 200-408
- b. Sponsor: IVX Animal Health, Inc.
3915 South 48th Street Ter.
St. Joseph, MO 64503
- Drug Labeler Code: 059130
- c. Established Name: Butorphanol tartrate
- d. Proprietary Name: Butorphanol Tartrate Injection (2mg/mL)
- e. Dosage Form: Injection
- f. How Supplied: 10 mL vials
- g. How Dispensed: Rx
- h. Amount of Active Ingredients: Each mL contains 2 mg butorphanol base (as butorphanol tartrate, USP)
- i. Route of Administration: Subcutaneous injection
- j. Species/Class: Cats
- k. Recommended Dosage: 0.4 mg of butorphanol per kilogram body weight (0.2 mg/lb)
- l. Pharmacological Category: Analgesic
- m. Indications: Indicated for the relief of pain in cats caused by major or minor trauma, or pain associated with surgical procedures.
- n. Pioneer Product: TORBUGESIC-SA; butorphanol tartrate; NADA 141-047; Fort Dodge Animal Health, Division of Wyeth.

2. TARGET ANIMAL SAFETY AND DRUG EFFECTIVENESS:

Under the provisions of the Federal Food, Drug, and Cosmetic Act, as amended by the Generic Animal Drug and Patent Term Restoration Act (GADPTRA) of 1988, an Abbreviated New Animal Drug Application (ANADA) may be submitted for a generic version of an approved new animal drug (pioneer product). New target animal safety and effectiveness data and human food safety data (other than tissue residue data) are not required for approval of an ANADA.

Ordinarily, the ANADA sponsor is required to show that the generic product is bioequivalent to the pioneer, which has been shown to be safe and effective. If bioequivalence is demonstrated through a clinical endpoint study, then a tissue residue study to establish the withdrawal time for the generic product should also be conducted. For certain dosage forms, the agency will grant a waiver from the requirement of an *in vivo* bioequivalence study (55 FR 24645, June 18, 1990; Fifth GADPTRA Policy Letter; Bioequivalence Guideline, October 9, 2002).

Based on the formulation characteristics of the generic product, IVX Animal Health, Inc. was granted a waiver from the requirement for an *in vivo* bioequivalence study for the generic product Butorphanol Tartrate Injection (2 mg/mL). The generic product is administered as an injection, contains the same active ingredient in the same concentration and dosage form as the pioneer product, and contains no inactive ingredients that may significantly affect the absorption of the active ingredient. The pioneer product, TORBUGESIC-SA (butorphanol tartrate), the subject of Fort Dodge Animal Health, Division of Wyeth, NADA 141-047, was approved on July 5, 1994.

3. HUMAN SAFETY:

This drug is intended for use in cats, which are non-food animals. Because this new animal drug is not intended for use in food-producing animals, data on human safety pertaining to drug residues in food were not required for approval of this ANADA.

Human Warnings are provided on the product label as follows: **“NOT FOR HUMAN USE.”**

4. AGENCY CONCLUSIONS:

This ANADA submitted under section 512(b)(2) of the Federal Food, Drug, and Cosmetic Act satisfies the requirements of section 512(n) of the act and demonstrates that Butorphanol Tartrate Injection (2mg/mL) when used under its proposed conditions of use, is safe and effective for its labeled indications.

5. ATTACHMENTS:

Facsimile generic labeling and currently approved pioneer labeling are attached as follows:

Generic Labeling for ANADA 200-408:

Butorphanol Tartrate Injection (2mg/mL) – Bottle label - 10 mL
Butorphanol Tartrate Injection (2mg/mL) – Bottle Outsert - 10 mL
Butorphanol Tartrate Injection (2mg/mL) – Shipping Label - 4 x 25 x 10 mL

Pioneer Labeling for NADA 141-047

Butorphanol Tartrate (2mg/mL) – Bottle Label, actual size
Butorphanol Tartrate (2mg/mL) – Package Insert - 10 mL
Butorphanol Tartrate (2mg/mL) – Shipping Label