# COMFORTRATE- maropitant citrate tablet MWI/Vetone

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ComforTrate™ (maropitant citrate) Tablets Antiemetic For oral use in dogs only

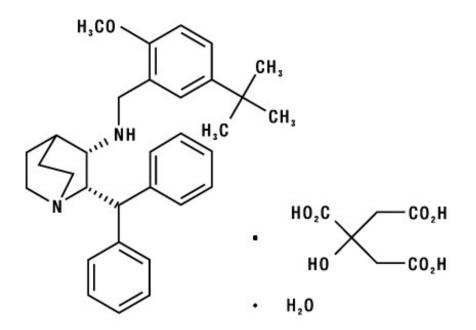
#### **CAUTION:**

Federal law restricts this drug to use by or on the order of a licensed veterinarian.

#### **DESCRIPTION:**

Maropitant is a neurokinin (NK<sub>1</sub>) receptor antagonist that blocks the pharmacological action of substance P in the central nervous system (CNS). Maropitant is the non-proprietary designation for a substituted quinuclidine. The empirical formula is  $C_{32}H_{40}N_2O$   $C_6H_8O_7$   $H_2O$  and the molecular weight 678.81. The chemical name is (2S,3S)-2-benzhydryl-N-(5-*tert*-butyl-2-methoxybenzyl) quinuclidin-3- amine citrate monohydrate. Each light peach to orange mottle colored oval tablet is scored and contains 16, 24, 60 or 160 mg of maropitant as maropitant citrate per tablet.

The chemical structure of maropitant citrate is:



#### **INDICATIONS:**

ComforTrate<sup>TM</sup> Tablets are indicated for the prevention of acute vomiting and the prevention of vomiting due to motion sickness in dogs.

#### **DOSAGE AND ADMINISTRATION:**

#### For Prevention of Acute Vomiting

**For Prevention of Acute Vomiting in dogs 2 -7 months of age:** Administer ComforTrate Tablets orally at a minimum dose of 2 mg/kg (0.9 mg/lb) body weight once daily for up to 5 consecutive days (see WARNINGSand Animal Safety).

**For Prevention of Acute Vomiting in dogs 7 months of age and older:** Administer ComforTrate Tablets orally at a minimum dose of 2 mg/kg (0.9 mg/lb) body weight once daily until resolution of acute vomiting.

If vomiting persists despite treatment, the case should be re-evaluated. ComforTrate Tablets is most effective in preventing acute vomiting associated with chemotherapy if administered prior to the chemotherapeutic agent.

# For prevention of acute vomiting, dispense whole or half tablets in strength(s) that most closely result in a 2 mg/kg dose:

Dog bo	ody weight	Nui	Number of Tablets			
Pounds	Kilograms	16 mg	24 mg	60 mg		
8	4	1/2				
15	8	1				
25	12		1			
50	24		2			
65	30			1		
130	60			2		

Interchangeable use with Maropitant Citrate Injectable Solution for Prevention of Acute Vomiting: In dogs that are actively vomiting, to ensure that the full initial dose is administered, maropitant citrate injectable solution is recommended at a dose of 1 mg/kg once daily. (See package insert for maropitant citrate injectable solution.) Thereafter, for the prevention of acute vomiting, ComforTrate Tablets at a dose of 2 mg/kg once daily may be used interchangeably with maropitant citrate injectable solution for up to 5 days.

#### <u>For Prevention of Vomiting Due to Motion Sickness in dogs 4 months and</u> <u>older</u>

**For Prevention of Vomiting due to motion sickness in dogs 4 months of age and older:** Administer ComforTrate Tablets orally at a minimum dose of 8 mg/kg (3.6 mg/lb) body weight once daily for up to 2 consecutive days (see WARNINGSandAnimal Safety).

Administer ComforTrate Tablets a minimum of two hours prior to travel with a small amount of food to mitigate vomiting associated with administration of the dose on an empty stomach; however, refrain from feeding a full meal prior to travel.

Prevention of Vomiting Due to Motion Sickness in Dogs 4 months of age and older:

Dispense whole or half tablets in strengths that most closely result in an 8 mg/kg dose once daily for up to 2 consecutive days:

Dog bo	dy weight	Nu	mber	of Ta	blets
Pounds	Kilograms	16mg	24mg	60mg	160mg
2	1	1/2			
3	1.5		1/2		
4	2	1			
6	3		1		
8	4	2			
13	6		2		
16	7.5			1	
22	10				1/2
33	15			2	
44	20				1
66	30				1 1/2
88	40				2
132	60				3

Maropitant citrate injectable solution should not be used interchangeably with ComforTrate Tablets for the prevention of vomiting due to motion sickness (8 mg/kg).

#### WARNINGS:

Not for use in humans. Keep out of the reach of children. In case of accidental ingestion, seek medical advice. Topical exposure may elicit localized allergic skin reactions in some individuals. Repeated or prolonged exposure may lead to skin sensitization. Wash hands

with soap and water after administering drug. ComforTrate Tablets are also an ocular irritant. In case of accidental eye exposure, flush with water for 15 minutes and seek medical attention.

In puppies younger than 11 weeks of age, histological evidence of bone marrow hypocellularity was observed at higher frequency and greater severity in puppies treated with maropitant citrate compared to control puppies. In puppies 16 weeks and older, bone marrow hypocellularity was not observed (see **ANIMAL SAFETY**).

Keep ComforTrate Tablets in a secure location out of reach of dogs, cats, and other animals to prevent accidental ingestion or overdose.

# **PRECAUTIONS:**

The safe use of ComforTrate Tablets has not been evaluated in dogs used for breeding, or in pregnant or lactating bitches.

The safe use of ComforTrate Tablets has not been evaluated in dogs with gastrointestinal obstruction, or dogs that have ingested toxins.

Use with caution in dogs with hepatic dysfunction because maropitant citrate is metabolized by CYP3A enzymes (see **Pharmacokinetics**). Use with caution with other medications that are highly protein bound. The concomitant use of ComforTrate Tablets with other protein bound drugs has not been studied in dogs. Commonly used protein bound drugs include NSAIDs, cardiac, anticonvulsant, and behavioral medications. The influence of concomitant drugs that may inhibit the metabolism of ComforTrate Tablets has not been evaluated. Drug compatibility should be monitored in patients requiring adjunctive therapy.

Maropitant citrate causes dose related decreases in appetite and body weight (see **ANIMAL SAFETY**). To maximize therapeutic potential of ComforTrate Tablets, the underlying cause of vomiting should be identified and addressed in dogs receiving ComforTrate Tablets.

# **ADVERSE REACTIONS:**

# Prevention of Acute Vomiting (minimum of 2 mg/kg)

The following adverse reactions were reported during the course of a US field study for the prevention of acute vomiting in dogs treated with maropitant citrate tablets at a minimum of 2 mg/kg orally and/or injectable solution at 1 mg/kg subcutaneously once daily for up to 5 consecutive days:

# Frequency of Adverse Reactions by Treatment

	Plac	ebo (n=69)	maro	pitant citrate (n=206)
Adverse Reaction	# dogs	% occurrence	# dogs	% occurrence

Death during study	4	5.8	10	4.9
Euthanized during study	0	0	2	1
Diarrhea	6	8.7	8	3.9
Hematochezia/bloody stool	5	7.2	4	1.9
Anorexia	2	2.9	3	1.5
Otitis/Otorrhea	0	0	3	1.5
Endotoxic Shock	1	1.4	2	1
Hematuria	0	0	2	1
Excoriation	0	0	2	1

Other clinical signs were reported but were <0.5% of dogs.

# Prevention of Vomiting Due to Motion Sickness (minimum of 8 mg/kg)

The following adverse reactions were reported during US studies for the prevention of vomiting due to motion sickness in dogs treated with maropitant citrate tablets at a minimum of 8 mg/kg orally one time. Dogs may have experienced more than one of the observed adverse reactions.

## Frequency of Adverse Reactions by Treatment

Adverse	Place	bo (n=195)	maropitant citrate (n=208)		
Reaction	# dogs	% occurrence	# dogs	% occurrence	
Hypersalivation	19	9.7	26	12.5	
Vomiting <sup>*</sup>	0	0	11	5.3	
Muscle Tremors	1	0.5	2	1	
Sedation/Depression	3	1.5	2	1	
Retching	3	1.5	1	0.5	
Flatulence	0	0	1	0.5	

\*Not associated with motion sickness.

The following adverse reactions were reported during a European field study for the prevention of vomiting due to motion sickness in dogs treated with maropitant citrate tablets at a minimum of 8 mg/kg orally once daily for 2 consecutive days. Dogs may have experienced more than one of the observed adverse reactions.

## Frequency of Adverse Reactions by Treatment

	Place	bo (n=106)	maropitant citrate (n=107)		
Adverse Reaction	# dogs	% occurrence	# dogs	% occurrence	
Vomiting	4	4	10	9	
Drowsiness/Lethargy/Apathy	1	1	8	8	
Hypersalivation	2	2	5	5	
Anxiety	0	0	2	2	
Trembling/Tremors	0	0	2	2	
Inappetence	0	0	2	2	
Mucus in stool	0	0	1	1	

The following Adverse Reactions were reported during the conduct of a US clinical field trial where maropitant citrate tablets were administered once daily for 28 consecutive days to 32 dogs: lethargy, vomiting, inappetence, corneal edema, and enlarged lymph nodes.

# Post-Approval Experience (Revised May 2019)

The following adverse events are based on post-approval adverse drug experience reporting. Not all adverse events are reported to FDA CVM. It is not always possible to reliably estimate the adverse event frequency or establish a causal relationship to product exposure using these data.

The following adverse events reported for dogs are listed in decreasing order of frequency:

anorexia, depression/lethargy, hypersalivation, vomiting, diarrhea, trembling, ataxia, allergic reactions, weight loss, convulsion, hyperactivity, and panting.

Cases of ineffectiveness have been reported.

Cases of death (including euthanasia) have been reported.

# **Contact Information**

To report suspected adverse events, for technical assistance or to obtain a copy of the

Safety Data Sheet (SDS), contact Felix Pharmaceuticals Private Limited at 1-833-571-1525. For additional information about adverse drug experience reporting for animal drugs, contact FDA at 1-888-FDA-VETS or http://www.fda.gov/reportanimalae

# CLINICAL PHARMACOLOGY:

#### **Pharmacokinetics**

Mean (±SD) Plasma Pharmacokinetic Parameters for Maropitant in Beagle Dogs after single dose and repeat oral doses of Maropitant:

PK Parameter	2 mg/kg	2 mg/kg	8 mg/kg	8 mg/kg repeat
	Single Dose	repeat Doses <sup>1</sup>	Single Dose	Doses <sup>1</sup>
Tmax <sup>2</sup>	2.0	1.5	1.5	2.5
(hr)	(1.5 - 3.0)	(1.0 - 3.0)	(1.0 - 3.0)	(1.5 - 7.0)
Cmax	154	304	588	1409
(ng/mL)	(111)	(165)	(416)	(516)
AUC <sub>(0-24)</sub>	1440	3890	6730	26600
(ng*hr/mL)	(982)	(3030)	(5030)	(9200)
T <sub>1/2</sub> <sup>2</sup> (hr)	NC	7.69 (6.21 - 17.8)	NC	25.4 (6.06 - 30.0)
Accumulation Ratio (R <sub>ac</sub> ) <sup>3</sup>	NA	2.46 (1.68, 3.61)	NA	4.81 (3.28, 7.05)

<sup>1</sup>Following once daily doses of maropitant for 14 days.

<sup>2</sup>Median (Range)

 $^{3}$ Ratio=Multiple Dose AUC<sub>(0-24)</sub> /Single Dose AUC<sub>(0-24)</sub> , Least square means (95% Confidence Interval)

NA= Not Applicable

NC= Not Calculated

Following oral administration, median time to reach C<sub>max</sub> was within 2.5 hr. The absolute bioavailability of maropitant was low (24%) following oral administration of 2 mg/kg maropitant. After an oral dose, prandial status does not significantly affect the extent of oral bioavailability. Greater than dose-proportional drug exposure can be expected with an increase in dose (1-16 mg/kg PO). However as doses increase (20-50 mg/kg PO), the dose proportionality is re-established. Based upon *in vitro* enzyme kinetics, involvement of a high capacity enzyme (CYP3A12) may contribute to this return to dose linearity. Due to dose dependent pharmacokinetics, the maropitant concentrations reached steady state approximately after 4 and 8 days following 2 and 8 mg/kg, respectively. The observed drug accumulation ratios were 2.46 and 4.81, after oral administration of 2 and 8 mg/kg, respectively. The exposure of 10 week old puppies to maropitant was lower than that observed in adult dogs, particularly after repeat doses of 1 or 2 mg/kg. Systemic clearance of maropitant following IV administration was 970, 995, and 533 mL/hr/kg at doses of 1, 2 and 8 mg/kg, respectively.

Urinary recovery of maropitant and its major metabolite was minimal (<1% each). The hepatic metabolism of maropitant involves two cytochrome P-450 isoenzymes: CYP2D15 and CYP3A12. In *in vitro* enzyme kinetics data suggest that the non-linear kinetics may be partially associated with saturation of the low capacity enzyme (CYP2D15). Plasma protein binding of maropitant was high (99.5%).

## <u>Pharmacodynamics</u>

Vomiting is a complex process coordinated centrally by the emetic center which consists of several brainstem nuclei (area postrema, nucleus tractus solitarius, dorsal motor nucleus of the vagus) that receive and integrate sensory stimuli from central and peripheral sources and chemical stimuli from the circulation and the cerebro-spinal fluid. Maropitant is a neurokinin 1 (NK<sub>1</sub>) receptor antagonist which acts by inhibiting the binding of substance P, a neuropeptide of the tachykinin family. Substance P is found in significant concentrations in the nuclei comprising the emetic center and is considered the key neurotransmitter involved in emesis.<sup>1</sup> By inhibiting the binding of substance P within the emetic center, maropitant provides broad-spectrum effectiveness against neural (central) and humoral (peripheral) causes of vomiting.

*In vivo* model studies in dogs have shown that maropitant has antiemetic effectiveness against both central and peripheral emetogens including apomorphine, and syrup of ipecac.

<sup>1</sup>Diemunsch P, Grelot L. Potential of substance P antagonists as antiemetics. [Review] [60 refs]. Drugs. 2000;60:533-46.

## **EFFECTIVENESS:**

## Prevention of Acute Vomiting

In laboratory model studies, maropitant citrate tablets dosed at a minimum of 2 mg/kg BW reduced the number of emetic events associated with established neural (central) and humoral (peripheral) stimuli. Following administration of apomorphine (central emetic stimuli), vomiting was observed in 33% (4 of 12) of Beagle dogs treated with maropitant citrate tablets and 100% (12 of 12) of Beagle dogs treated with placebo tablets. Following administration of syrup of ipecac (peripheral emetic stimuli) vomiting was observed in 33% (4 of 12) of Beagle dogs treated with maropitant citrate tablets and in 83% (10 of 12) of Beagle dogs treated with placebo tablets.

In a study of 275 canine patients presented to veterinary hospitals with a history of acute vomiting, dogs were initially administered maropitant citrate injectable solution or placebo on Day 0. Following the initial dose, dogs allocated to the maropitant citrate group were treated with either maropitant citrate tablets at a minimum of 2 mg/kg orally or injectable solution at 1 mg/kg subcutaneously once daily at the discretion of the

clinician. Dogs allocated to the placebo group were treated using either an injectable placebo solution or placebo tablets once daily at the discretion of the clinician. Of the 199 dogs included in the analysis for effectiveness, 27 of 54 dogs (50%) in the placebo group displayed vomiting at some time during the study and 31 of 145 dogs (21.4%) in the treated group displayed vomiting during the study period.

# Percent Of Vomiting For Each Study Day, Based Upon Treatment And Route Of Administration.

Days	Treatment	Route	# dogs	# vomited	% vomited
Day 0	Placebo (54)	SC	54	15	28%
	maropitant citrate (145)	SC	145 (143 <sup>*</sup> )	14	10%
Day 1	Placebo (45)	РО	22	3	14%
		SC	23	16	70%
	maropitant citrate (108)	РО	67	2	3%
		SC	41	16	39%
Day 2	Placebo (16)	PO	7	2	29%
		SC	9	6	67%
	maropitant citrate (37)	РО	24	0	0%
		SC	13	8	62%
Day 3	Placebo (6)	РО	2	0	0%
		SC	4	1	25%
	maropitant citrate (21)	РО	14	0	0%
		SC	7	5	71%
Day 4	Placebo (2)	РО	1	0	0%
-		SC	1	1	100%
	maropitant citrate (7)	PO	5	0	0%
		SC	2	1	50%
Day 5	maropitant citrate (1)	SC	1	0	0%

\*2 dogs administered maropitant citrate were not observed on Day 0. Their vomiting status was unknown. 143 was used in the denominator for % vomited.

In US field studies in veterinary patients, maropitant citrate tablets and injectable solution were well tolerated in dogs presenting with various conditions including parvovirus, gastroenteritis, and renal disease. There were no notable differences in mean laboratory values between maropitant citrate-treated and placebo- treated patients.

Maropitant citrate tablets were used safely in dogs receiving other frequently used veterinary products such as fluid and electrolyte replacement solutions, antimicrobial agents, vaccines, antacids, and antiparasitic agents.

## Prevention of Vomiting due to Motion Sickness

In a study of canine veterinary patients taken on a one-hour car journey and treated with either maropitant citrate tablets at a minimum dose of 8 mg/kg BW or placebo tablets 2 hours prior to the journey, 67 of 122 (55%) of dogs vomited during the journey when treated with placebo while 8 of 122 (7%) vomited during the journey after treatment with maropitant citrate tablets. The probability that a dog in this study, prone to motion sickness would NOT vomit during a journey if treated with maropitant citrate tablets was 93%, while the probability was 48% if treated with placebo.

## ANIMAL SAFETY:

Laboratory and field studies have demonstrated that maropitant citrate tablets are well tolerated in dogs after oral administration.

## **Target Animal Safety Study for Acute Vomiting**

Fifty six Beagle dogs (28 males and 28 females) approximately 16 weeks of age were administered maropitant citrate tablets orally once daily for 15 days at 0, 2, 6, and 10 mg/kg. There were 8 dogs (4 males and 4 females) in the 2 mg/kg group and 16 dogs (8 males and 8 females) in all other groups. Maropitant citrate tablets caused decreases in food consumption and body weight that were not dose-dependent and did not persist after cessation of treatment.

Beagle dogs approximately 8 weeks of age were administered maropitant citrate tablets orally once daily for 15 days at 0, 2, 6, and 10 mg/kg using a protocol similar to the previous study. A dose dependent increase in severity of bone marrow hypoplasia was observed histologically. Interpretation of these study results is complicated by the health status of study animals. Dogs used in the study were weaned early, minimally acclimated to the test facility, many of the dogs in the study tested positive for coccidia and some tested positive for canine parvovirus.

Beagle dogs approximately 10 weeks of age were administered either placebo tablets for 2 days, maropitant citrate tablets at 8 mg/kg for 2 days, placebo (saline) subcutaneously (SC) for 5 days, maropitant citrate injectable solution at 1 mg/kg SC for 5 days, or maropitant citrate tablets at 2 mg/kg for 5 days (8 dogs in each dose group). Mild pain associated with injection was noted in more dogs and lasted longer in dogs that received maropitant injections compared to saline. Males administered maropitant citrate at 8 mg/kg orally for 2 days had a decrease in food consumption. Body weight and food consumption were variable throughout the 4 week acclimation period. Two dogs that

received 8 mg/kg maropitant orally for 2 days were below the reference range for reticulocyte counts. Decreases in reticulocyte counts were also seen in 4 (of 8) placebo treated dogs (SC saline for 5 days). Hypocellular femoral bone marrow described as "minimal" was seen in 1 male that received 1 mg/kg maropitant SC for 5 days; reticulocyte counts were not available for this dog.

Twenty four Beagle dogs (12 males and 12 females) 7 months of age were administered maropitant at doses of 0, 1, 5, and 20 mg/kg orally once daily for 93 consecutive days. Maropitant produced sporadic clinical signs (salivation, emesis), body weight loss, and lower serum albumin levels at 20 mg/kg/day. Maropitant increased P-R interval, P wave duration, and QRS amplitude in the 20 mg/kg /day dose group. One female in the 20 mg/kg/day group had increased cellularity of the bone marrow. This female was noted to have lower mean red cell parameters (red blood cell count, hemoglobin, hematocrit) and higher platelet counts and reticulocytes.

# **Target Animal Safety Study for Motion Sickness**

Forty Beagle dogs (20 males and 20 females) between 16 – 18 weeks of age were administered maropitant citrate tablets orally once daily for 6 days at 0, 8 and 24 mg/kg. There were 16 dogs (8 males and 8 females) in the 0 and 24 mg/kg groups and 8 dogs (4 males and 4 females) in the 8 mg/kg group. At 24 mg/kg, maropitant citrate tablets caused decreases in food consumption, with decreases in body weight, liver and testis weight; and an increase in RBC count indicating hemoconcentration, but the effects on feed consumption, body weight, and RBCs did not persist in the post-treatment recovery period (beyond Day 5).

Beagle dogs approximately 8 weeks of age were administered maropitant citrate tablets orally once daily for 6 days at 0, 8, and 24 mg/kg using a protocol similar to the previous study. One dog in the 24 mg/kg/day group died of unknown causes on study day 2 and a dose dependent increase in occurrence and severity of bone marrow hypoplasia and lymphoid depletion was observed histologically. Interpretation of these study results is complicated by the health status of study animals. Dogs used in the study were weaned early, minimally acclimated to the test facility, and many of the dogs in the study tested positive for coccidia. Additionally, some dogs in the study tested positive for canine parvovirus, however, clinical parvoviral disease was not definitively diagnosed.

# **Tolerance Studies**

Twenty four Beagle dogs (14 males and 10 females) between 11 and 25 weeks of age were administered maropitant citrate tablets in 2 phases with 8 dogs per group. In the first phase the dogs were administered 0, 20 or 30 mg/kg orally once daily for 7 days and in the second phase 0, 40, or 50 mg/kg once daily for 7 days. Maropitant citrate tablets administered at 20 and 30 mg/kg caused occasional vomiting. Maropitant citrate tablets administered at 40 mg/kg and 50 mg/kg caused clinically relevant signs of weight loss, vomiting, soft stools, weakness, lethargy, salivation and hypokalemia. Additionally, leukopenia characterized by a neutropenia and a trend toward decreasing plasma phosphorus values was seen. Decreased heart rate and prolonged corrected QT intervals were seen in all treatment groups in a dose dependent manner.

Twenty-four Beagle dogs (12 males and 12 females) approximately 28 weeks of age were administered maropitant (mesylate salt) orally once daily for 90 days at 0, 1, 5, and 20 mg/kg. End of study body weights in the 20 mg/kg group were 8-15% lower than baseline body weights.

#### **STORAGE CONDITIONS:**

Store at 20° to 25°C (68° to 77°F); excursions permitted between 15° and 30°C (59° and 86°F) [see USP Controlled Room Temperature].

#### HOW SUPPLIED:

ComforTrate Tablets are light peach to orange mottle colored, scored with a break line, and contain 16, 24, 60 or 160 mg of maropitant as maropitant citrate per tablet. Each tablet is marked with "F" and "12" on either side of score line on the concave side of the tablet and "16/24/60/160" on the convex side of the tablet. Each tablet size is packaged in a bottle containing 60 tablets.

NDC Number	Tablet Strength	Package Description
86136-119-03	16 mg	60 in Bottle pack
86136-120-03	24 mg	60 in Bottle pack
86136-121-03	60 mg	60 in Bottle pack
86136-122-03	160 mg	60 in Bottle pack

#### SPL UNCLASSIFIED SECTION

Approved by FDA under ANADA # 200-785

#### Distributed by: MWI

Boise, ID 83705 www.VetOne.net

#### Made in India

Neutral Code No. MP/DRUGS/25/90/2020

lss. 08/2024

#### PACKAGE LABEL.PRINCIPAL DISPLAY PANEL

#### <u>16 mg Bottle Label:</u>

NDC 86136-119-03

60 Tablets

ComforTrate<sup>™</sup>

16 mg Tablets

(maropitant citrate)

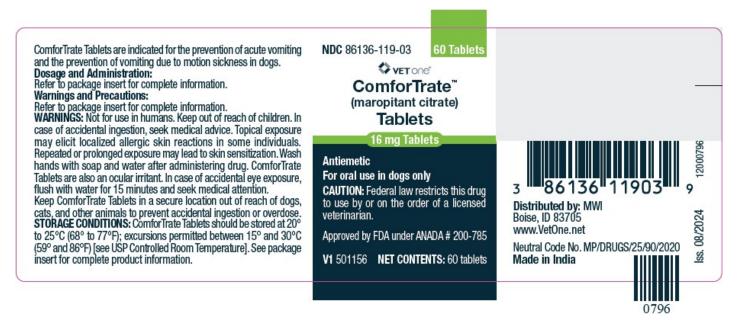
Tablets

#### Antiemetic For oral use in dogs only

**CAUTION:** Federal law restricts this drug to use by or on the order of a licensed veterinarian.

Approved by FDA under ANADA # 200-785

## **NET CONTENTS:** 60 tablets



## PACKAGE LABEL.PRINCIPAL DISPLAY PANEL

#### 24 mg Bottle Label:

NDC 86136-120-03

60 Tablets

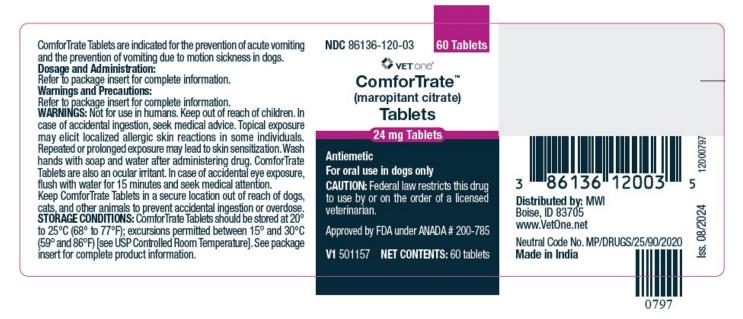
ComforTrate<sup>™</sup>

(maropitant citrate)

Tablets 24 mg Tablets Antiemetic For oral use in dogs only **CAUTION:** Federal law restricts this drug to use by or on the order of a licensed veterinarian.

Approved by FDA under ANADA # 200-785

## NET CONTENTS: 60 tablets



## PACKAGE LABEL.PRINCIPAL DISPLAY PANEL

#### 60 mg Bottle Label:

NDC 86136-121-03

60 Tablets

#### ComforTrate<sup>™</sup>

(maropitant citrate)

Tablets 60 mg Tablets Antiemetic For oral use in dogs only CAUTION: Federal law restricts this drug to use by or on the order of a licensed veterinarian.

Approved by FDA under ANADA # 200-785

#### NET CONTENTS: 60 tablets



#### PACKAGE LABEL.PRINCIPAL DISPLAY PANEL

#### 160 mg Bottle Label:

NDC 86136-122-03

**60 Tablets** 

#### ComforTrate<sup>™</sup>

(maropitant citrate)

Tablets160 mg TabletsAntiemeticFor oral use in dogs onlyCAUTION: Federal law restricts this drug to use by or on the order of a licensed veterinarian.

Approved by FDA under ANADA # 200-785

NET CONTENTS: 60 tablets

COMFORTRATE maropitant citrate tablet         Product Information         Product Type       PRESCRIPTION ANIMAL DRUG       Item Code (Source)       NDC:86136-119         Route of Administration       ORAL         Active Ingredient/Active Moiety         Marce dient/Active Moiety         Score       2 pieces         Size       9mm         Product Characteristics       Size       9mm         Flavor       Size       9mm         Prockaging       #       Marketing Start Date       Marketing End Date         Marketing	ComforTrate Tablets are indicated for the prevent and the prevention of vomiting due to motion si <b>Dosage and Administration:</b> Refer to package insert for complete informatio <b>Warnings and Precautions:</b> Refer to package insert for complete informatio <b>WARNINGS:</b> Not for use in humans. Keep out o case of accidental ingestion, seek medical adv may elicit localized allergic skin reactions i Repeated or prolonged exposure may lead to ski hands with soap and water after administerin Tablets are also an ocular irritant. In case of acci flush with water for 15 minutes and seek medi Keep ComforTrate Tablets in a secure location cats, and other animals to prevent accidental ir <b>STORAGE CONDITIONS:</b> ComforTrate Tablets sh to 25°C (68° to 77°F); excursions permitted be (59° and 86°F) [see USP Controlled Room Tempe insert for complete product information.	ckness in dogs. n. n. i reach of children. In ice. Topical exposure n some individuals. n sensitization. Wash g drug. ComforTrate dental eye exposure, cal attention. but of reach of dogs, gestion or overdose. ould be stored at 20° tween 15° and 30°C raturel. See nackage	Trone' prTrate <sup>™</sup> int citrate) lets Tablets aw restricts this drug order of a licensed der ANADA # 200-785 av Neutra	<b>8613612203</b> <b>12203</b> <b>1000</b> <b>12203</b> <b>9</b> <b>1000</b> <b>12203</b> <b>9</b> <b>100</b> <b>12203</b> <b>9</b> <b>100</b> <b>12203</b> <b>9</b> <b>100</b> <b>12203</b> <b>9</b> <b>100</b> <b>12203</b> <b>9</b> <b>100</b> <b>12203</b> <b>9</b> <b>100</b> <b>12203</b> <b>9</b> <b>100</b> <b>12203</b> <b>9</b> <b>100</b> <b>12203</b> <b>9</b> <b>100</b> <b>12203</b> <b>9</b> <b>100</b> <b>12203</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>10</b>
Product Information         Product Type       PRESCRIPTION ANIMAL DRUG       Item Code (Source)       NDC:86136-119         Route of Administration       ORAL         Active Ingredient/Active Moiety         Ingredient Name       Basis of Strength       Strength         MAROPITANT CITRATE (UNII: LXN6S3999X) (MAROPITANT - UNII:4XE2T9H4DH)       MAROPITANT       Score       2 pieces         Product Characteristics         Color       ORANGE (Light peach to orange mottle-colored)       Score       2 pieces         Shape       OVAL       Stare       9mm         Flavor       Size       9mm         Flavor       Size       9mm         Packaging         # Item Code       Package Description       Marketing End Date         Marketing Information         Marketing Start       Marketing End Date				
Product Type       PRESCRIPTION ANIMAL DRUG       Item Code (Source)       NDC:86136-119         Route of Administration       ORAL       ORAC       ORANGE (Light peach to orange mottle-colored)       ORAC	naropitant citrate tablet			
Product Type       PRESCRIPTION ANIMAL DRUG       Item Code (Source)       NDC:86136-119         Route of Administration       ORAL       ORAL       NDC:86136-119         Active Ingredient/Active Moiety       Basis of Strength       Strength         Marceline       Basis of Strength       Strength         MAROPITANT CITRATE (UNII: LXN6S 3999X) (MAROPITANT - UNII:4XE2T9H4DH)       MAROPITANT       16 mg         Product Characteristics       Score       2 pieces         Shape       OVAL       Size       9mm         Plavor       UNIC: 86136-119-03       60 in 1 BOTTLE       Marketing Start Date       Marketing End Date         Marketing Linformation       Marketing Start Marketing Start Marketing End Date       Marketing End Date       Marketing End Date	Product Information			
Active Ingredient/Active Moiety         Ingredient Name       Basis of Strength       Strength         MAROPITANT CITRATE (UNII: LXN6S3999X) (MAROPITANT - UNII:4XE2T9H4DH)       MAROPITANT       16 mg         Product Characteristics         Color       ORANGE (Light peach to orange mottle-colored)       Score       2 pieces         Shape       OVAL       Size       9mm         Flavor       Imprint Code       F;12;16         Contains       Size       9mm         Packaging         # Item Code       Package Description       Marketing Start Date       Marketing End Date         Marketing Information         Marketing Start Marketing End Date	Product Type	PRESCRIPTION ANIMAL DRUG	ltem Code (So	urce) NDC:86136-119
Ingredient Name       Basis of Strength       Strength         MAROPITANT CITRATE (UNII: LXN6S3999X) (MAROPITANT - UNII:4XE2T9H4DH)       MAROPITANT       16 mg         Product Characteristics       If a mathematical action in the mathematical		ORAL		
Color       ORANGE (Light peach to orange mottle-colored)       Score       2 pieces         Shape       OVAL       Size       9mm         Flavor       Imprint Code       F;12;16         Contains       F       Package Description       Marketing Start Date       Marketing End Date         #       Item Code       Package Description       Marketing Start Date       Marketing End Date         I       NDC:86136-119-03       60 in 1 BOTTLE       Marketing End Date	Ing	redient Name		<b>J</b>
ORANGE (Light peach to orange mottle-colored)       Score       2 pieces         Shape       OVAL       Size       9mm         Flavor       Size       9mm         Contains       Fj12;16         VERTICIANS       Start Code       Fj12;16         File way				
Shape       OVAL       Size       9mm         Flavor       Imprint Code       F;12;16         Contains       File       File       File         Packaging       Item Code       Package Description       Marketing Start Date       Marketing End Date         1       NDC:86136-119-03       60 in 1 BOTTLE       60 in 1 BOTTLE       Marketing Start Date       Marketing End Date	Product Characteristics			
Flavor Contains       Imprint Code       F;12;16         Packaging       Item Code       Package Description       Marketing Start Date       Marketing End Date         1       NDC:86136-119-03       60 in 1 BOTTLE       Marketing Start Date       Marketing End Date	Color ORANGE (Light pe	ach to orange mottle-colored)	Sco	re 2 pieces
Contains       Packaging         #       Item Code       Package Description       Marketing Start Date       Marketing End Date         1       NDC:86136-119-03       60 in 1 BOTTLE       Item Code       Marketing End Date         Marketing Information         Marketing Category       Application Number or Monograph Citation       Marketing Start Date       Marketing End Date	Shape OVAL		Size	9mm
Packaging         #       Item Code       Package Description       Marketing Start Date       Marketing End Date         1       NDC:86136-119-03       60 in 1 BOTTLE       60 in 1 BOTTLE       60 in 1 BOTTLE         Marketing Information       Marketing Category       Application Number or Monograph Citation       Marketing Start Date       Marketing End Date			Imp	rint Code F;12;16
#       Item Code       Package Description       Marketing Start Date       Marketing End Date         1       NDC:86136-119-03       60 in 1 BOTTLE       60 in 1 BOTTLE       Marketing Category       Marketing Category         Marketing Category       Application Number or Monograph Citation       Marketing Start Date       Marketing End Date	Contains			
1 NDC:86136-119-03       60 in 1 BOTTLE         Marketing Information         Marketing Category       Application Number or Monograph Citation       Marketing Start Date       Marketing End Date	Packaging			
Marketing CategoryApplication Number or Monograph CitationMarketing Start DateMarketing End Date	# Item Code Packa	age Description Mark	eting Start Date	Marketing End Date
Marketing CategoryApplication Number or Monograph CitationMarketing Start DateMarketing End Date	<b>1</b> NDC:86136-119-03 60 in 1 B	OTTLE		
Category Citation Date Date	Marketing Information	tion		
ANADA ANADA200785 11/11/2024				-
		/85	11/11/2024	

COMEOD		Ē						
COMFOR maropitant cit								
naropitant cit		DIEL						
Product In	forma	tion						
Product Type	е		PRESCRIPTION ANIM	AL DRUG	Item Cod	e (Source)	NDC:8	86136-120
Route of Adr		ation	ORAL					
Active Leave	adiam		Maiatra					
Active Ingr	eulen		edient Name			Basis of St	ronath	Strongth
	CITRATI	-	6S3999X) (MAROPITAI	NT - UNIII-4XF2		MAROPITANT	rengtn	24 mg
		- (0 2						9
Product Ch	aract	eristics						
Color			ich to orange mottle-	colored)		Score		2 pieces
Shape	OVAL		<b>J</b>			Size		11mm
Flavor						Imprint Co	de	F;12;24
Contains								
# Item C			ge Description	Marketin	g Start D	ate Mark	ceting E	ind Date
		Packa 60 in 1 BC		Marketin	g Start D	ate Mark	ceting E	ind Date
# Item C	120-03	60 in 1 BC	DTTLE	Marketin	g Start D	ate Mark	ceting E	nd Date
# Item Co 1 NDC:86136-1 Marketin Marketin	120-03	60 in 1 BC	DTTLE		Marke	ate Mark ting Start Date	Marke	ind Date
# Item Co 1 NDC:86136-1 Marketin Category	120-03	60 in 1 BC	ion Citation		Marke	ting Start Date	Marke	ting End
# Item Co 1 NDC:86136-1 Marketin Category	120-03	60 in 1 BC format Applicat	ion Citation		Marke	ting Start Date	Marke	ting End
<pre># Item Color 1 NDC:86136-1 Marketin Category ANADA</pre>	120-03	60 in 1 BC <b>format</b> Applicat	ion Citation		Marke	ting Start Date	Marke	ting End
<pre># Item Colors 1 NDC:86136-1 Marketin Category ANADA COMFORT</pre>	ng Inf ng y	60 in 1 BC format Applicat ANADA20078	ion Citation		Marke	ting Start Date	Marke	ting End
<ul> <li># Item Control</li> <li>1 NDC:86136-1</li> <li>Marketin</li> <li>Marketin</li> <li>Category</li> <li>ANADA</li> <li>COMFORT</li> <li>maropitant cit</li> </ul>	ng Inf ng y TRAT	60 in 1 BC <b>format</b> <b>Applicat</b> ANADA20078 <b>E</b> blet	ion Citation		Marke	ting Start Date	Marke	ting End
<ul> <li># Item Control</li> <li>1 NDC:86136-1</li> <li>Marketin Category</li> <li>ANADA</li> <li>COMFORT</li> <li>maropitant cit</li> <li>Product International</li> </ul>	I20-03	60 in 1 BC <b>format</b> <b>Applicat</b> ANADA20078 <b>E</b> blet	ion tion Number or M Citation 35	onograph	- Marke E 11/11/202	ting Start Date 4	Marke	eting End Date
# Item Control 1 NDC:86136-1 Marketin Category ANADA COMFOR maropitant cit Product Type	I20-03	60 in 1 BC format Applicat ANADA20078 E blet tion	DTTLE ion tion Number or M Citation 35 PRESCRIPTION ANIMA	onograph	- Marke E 11/11/202	ting Start Date	Marke	ting End
<ul> <li># Item Control</li> <li>1 NDC:86136-1</li> <li>Marketin Category</li> <li>ANADA</li> <li>COMFORT</li> <li>maropitant cit</li> <li>Product International</li> </ul>	I20-03	60 in 1 BC format Applicat ANADA20078 E blet tion	ion tion Number or M Citation 35	onograph	- Marke E 11/11/202	ting Start Date 4	Marke	eting End Date
<ul> <li># Item Control</li> <li>1 NDC:86136-1</li> <li>Marketin Category</li> <li>ANADA</li> <li>COMFORT</li> <li>maropitant cit</li> <li>Product Int</li> <li>Product Type</li> <li>Route of Adr</li> </ul>	I20-03	60 in 1 BC	DTTLE ion tion Number or M Citation 35 PRESCRIPTION ANIMA ORAL	onograph	- Marke E 11/11/202	ting Start Date 4	Marke	eting End Date
1 NDC:86136-1 Marketin Categor ANADA COMFOR maropitant cit	I20-03	60 in 1 BC	DTTLE ion tion Number or M Citation 35 PRESCRIPTION ANIMA ORAL	onograph	- Marke E 11/11/202	ting Start Date 4	Marke D	eting End Date

1       NDC:86136-121-03       60 in 1 BOTTLE         Marketing Information       Application Number or Monograph Citation       Marketing Start Date         ANADA       ANADA200785       11/11/2024         COMFORTRATE         maropitant citrate tablet         Product Information         Product Type       PRESCRIPTION ANIMAL DRUG       Item Code (Source)       Number of Monograph Date	2 pieces 14mm F;12;60 ag End Date
Shape OVAL Size   Flavor Imprint Code   Contains Packaging   # Item Code   Package Description Marketing Start Date   Marketing NDC:86136-121-03   60 in 1 BOTTLE     Marketing Category   AnADA   ANADA   ANADA200785   11/11/2024   COMFORTRATE maropitant citrate tablet   Product Information   PRESCRIPTION ANIMAL DRUG   Item Code (Source)	F;12;60
Flavor Contains Packaging # Item Code Package Description Marketing Start Date Marketing 1 NDC:86136-121-03 60 in 1 BOTTLE Marketing Information Marketing Application Number or Monograph Marketing Start Date Marketing Category ANADA200785 11/11/2024 COMFORTRATE NUMBER OF MONOGRAPH Marketing Start Date Marketing Start	F;12;60 ng End Date
Contains         Packaging         #       Item Code       Package Description       Marketing Start Date       Marketing         1       NDC:86136-121-03       60 in 1 BOTTLE       Marketing       Marketing       Marketing         Marketing Category       Application Number or Monograph Citation       Marketing Start       Marketing Start       Marketing Start         ANADA       ANADA200785       11/11/2024       11/11/2024       11/11/2024       11/11/2024         Product Information         Product Type       PRESCRIPTION ANIMAL DRUG       Item Code (Source)       Number or Nome of	ng End Date
Packaging         #       Item Code       Package Description       Marketing Start Date       Marketing         1       NDC:86136-121-03       60 in 1 BOTTLE       60 in 1 BOTTLE       Marketing Start Date       M	arketing End
Item Code       Package Description       Marketing Start Date       Marketing         NDC:86136-121-03       60 in 1 BOTTLE       Marketing       Marketing         Marketing Category       Application Number or Monograph Citation       Marketing Start Date       Marketing Start Date         ANADA       ANADA200785       11/11/2024       Marketing Start Date       Marketing Start Date         Product Information       PRESCRIPTION ANIMAL DRUG       Item Code (Source)       Number or Monograph Date	arketing End
1       NDC:86136-121-03       60 in 1 BOTTLE         Marketing Information       Application Number or Monograph Citation       Marketing Start Date         ANADA       ANADA200785       11/11/2024         COMFORTRATE maropitant citrate tablet       Product Information         Product Type       PRESCRIPTION ANIMAL DRUG       Item Code (Source)       Number or Monograph Narketing Start Date	arketing End
Marketing Information         Marketing Category       Application Number or Monograph Citation       Marketing Start Date       Marketing Start Date         ANADA       ANADA200785       11/11/2024       11/11/2024         COMFORTRATE         maropitant citrate tablet         Product Information         Product Type       PRESCRIPTION ANIMAL DRUG       Item Code (Source)       Number Start Sta	-
Marketing Category       Application Number or Monograph Citation       Marketing Start Date       Marketing Start Date         ANADA       ANADA200785       11/11/2024       11/11/2024         COMFORTRATE maropitant citrate tablet         Product Information         Product Type       PRESCRIPTION ANIMAL DRUG       Item Code (Source)       Number of Marketing Start	
Category     Citation     Date       ANADA     ANADA200785     11/11/2024         COMFORTRATE maropitant citrate tablet         Product Information         Product Type     PRESCRIPTION ANIMAL DRUG     Item Code (Source)     Nime	-
COMFORTRATE         maropitant citrate tablet         Product Information         Product Type         PRESCRIPTION ANIMAL DRUG         Item Code (Source)	
Product Information       PRESCRIPTION ANIMAL DRUG       Item Code (Source)       Number of the sector of the se	
Product Information         Product Type       PRESCRIPTION ANIMAL DRUG	
maropitant citrate tablet         Product Information         Product Type       PRESCRIPTION ANIMAL DRUG         Item Code (Source)       N	
Product Information         Product Type       PRESCRIPTION ANIMAL DRUG       Item Code (Source)       NI	
Product Type     PRESCRIPTION ANIMAL DRUG     Item Code (Source)     N	
	DC:86136-122
Route of Administration ORAL	
Active Ingredient/Active Moiety	
Ingredient Name Basis of Streng	
MAROPITANT CITRATE (UNII: LXN6S3999X) (MAROPITANT - UNII:4XE2T9H4DH) MAROPITANT	160 mg
Product Characteristics	
Color         ORANGE (Light peach to orange mottle-colored)         Score	2 pieces
Shape OVAL Size	19mm
Flavor Imprint Code	F;12;160
Contains	
Packaging	
# Item Code Package Description Marketing Start Date Marketin	g End Date
<b>1</b> NDC:86136-122-03 60 in 1 BOTTLE	
Marketing Information	
Marketing Application Number or Monograph Marketing Start Ma Category Citation Date	rketing End Date

11/11/2024

# Labeler - MWI/Vetone (019926120)

# **Registrant -** FELIX PHARMACEUTICALS PRIVATE LIMITED (985612369)

Revised: 8/2024

MW/Vetone