

OPTAFLEXX 45- ractopamine hydrochloride powder
Elanco US Inc.

Elanco™

AF0630

Optaflexx™ 45

(ractopamine hydrochloride Type A medicated article)

For use in Feeds for Growing Beef Steers and Heifers Fed in Confinement for Slaughter Only

Net Weight 25 lb
(11.34 kg)

For further manufacturing only.

Active Drug Ingredient: Ractopamine Hydrochloride - 45.4 g per lb (100 g per kg)

Inert Ingredients: Ground corn cobs.

Important: Must be thoroughly mixed into feeds before use. Follow label directions.

Indications for Use: Complete Type C Medicated Feeds: For increased rate of weight gain, improved feed efficiency and increased carcass leanness in growing beef steers and heifers fed in confinement for slaughter during the last 28 to 42 days on feed. Not for use in cattle intended for breeding.

Type C Top-Dress Medicated Feeds: For increased rate of weight gain and improved feed efficiency in growing beef steers and heifers fed in confinement for slaughter during the last 28 to 42 days on feed. Not for use in cattle intended for breeding. **Note:** Increased carcass leanness is not an approved indication for use with Top-Dress Feeding.

Approved Concentrations of Ractopamine Hydrochloride in Complete Type C Medicated Feeds

Indications for Use	Concentration of Ractopamine Hydrochloride in Type C Medicated Feed ^a	Ractopamine HCl (mg/hd/d)
Increased Rate of Weight Gain, and Improved Feed Efficiency	8.2 to 24.6 g/ton (9 ppm to 27 ppm)	70-430
Increased Rate of Weight Gain, Improved Feed Efficiency, and Increased Carcass Leanness	9.8 to 24.6 g/ton (11 ppm to 27 ppm)	90-430

^a Based on 90% Dry Matter Basis

Carcass Measurements	Effect of Ractopamine Hydrochloride ^a	
	16.4	24.6

Carcass Measurements	8.2 grams/ton (9 ppm)	grams/ton (18 ppm)	grams/ton (27 ppm)
Hot Carcass Weight, lbs	↑	↑	↑
Dressing Percentage, %	NC	↑ ^b	↑ ^b
Carcass Percent Fat, %	NC	↓	↓
12th Rib Fat Thickness, in.	NC	NC	NC
Average Rib Eye Area, sq. in.	↑	↑	↑
USDA Yield Grade	NC	NC	↓ ^c
Marbling Score	NC	NC	NC
Rate of Carcass Lean Gain per Day	NC	↑	↑
Efficiency of Carcass Lean Gain per Day	NC	↑	↑

^a NC = No Change, ↑ = Increased, ↓ = Decreased

^b Steers Only

^c Reduction indicates an improvement in USDA Yield Grade.

Approved Concentrations of Ractopamine Hydrochloride in Type C Top-Dress Medicated Feeds

Indications for Use	Concentration of Ractopamine HCl in Type C Top-Dress Medicated Feed ^a	Ractopamine HCl (mg/hd/d)
Increased Rate of Weight Gain and Improved Feed Efficiency	100 to 800 g/ton in a minimum of 1 lb of Type C Top-Dress Medicated Feed	70-400

^a Based on 90% Dry Matter Basis

Mixing Directions for Complete Type C Medicated Feeds: Thoroughly mix Optaflexx 45 Type A Medicated Article in a ton of appropriate feed ingredients according to the table below to obtain the proper concentration in the Type B Medicated Feed (maximum 4,920 g/ton). The following table gives examples of how some Type B Medicated Feed concentrations can be prepared:

Pounds of Optaflexx 45 ^a To Add Per Ton To Make a Type B Medicated Feed	Resulting Ractopamine HCl Concentration in Type B Medicated Feed ^b	
	grams/ton	grams/pound
32.8	500	0.25
36.1	1,640	0.82
72.2	3,280	1.64
108.3	4,920	2.46

^a Optaflexx 45 contains 45.4 g ractopamine hydrochloride per pound

^b Based on 90% Dry Matter Basis

Thoroughly mix Optaflexx 45 Type A Medicated Article in a ton of complete cattle feed according to the table below to obtain the proper concentration in the Type C Medicated

Feed. Prepare an intermediate pre-blend of the premix prior to mixing in a complete feed. Thoroughly mix the required amount in a convenient quantity of feed ingredients then add to the remaining feed ingredients to make one ton of complete feed.

Pounds of Optaflexx 45 ^a Per Ton To Make a Type C Medicated Feed	Resulting Ractopamine HCl Concentration in Type C Medicated Feed ^b
0.18	8.2 grams/ton (9 ppm)
0.36	16.4 grams/ton (18 ppm)
0.54	24.6 grams/ton (27 ppm)

^a Optaflexx 45 contains 45.4 g ractopamine hydrochloride per pound

^b Based on 90% Dry Matter Basis

Mixing Directions for Type B Liquid Medicated Feeds: Thoroughly mix Optaflexx Type A Medicated Article in a ton of appropriate feed ingredients according to the table below to obtain the proper concentration in the Type B Medicated Feed (maximum 2,300 g/ton).

Maintain supplement pH at 4.5 to 7.5. For stored Type B Liquid Medicated Feeds containing ractopamine, recirculate immediately prior to use for not less than 10 minutes, moving not less than 1% of the tank contents per minute from the bottom of the tank to the top. Recirculate daily as described even when not in use.

The following table gives examples of how some Type B Liquid Medicated Feed concentrations can be prepared:

Pounds of Optaflexx 45 ^a To Add Per Ton To Make a Type B Liquid Medicated Feed	Resulting Ractopamine HCl Concentration in Type B Liquid Medicated Feed	
	grams/ton	grams/pound
36.1	1,640	0.82
44.1	2,000	1
50.7	2,300	1.15

^a Optaflexx 45 contains 45.4 g ractopamine hydrochloride per pound

Mixing Directions for Type C Top-Dress Medicated Feeds: Thoroughly mix Optaflexx 45 Type A Medicated Article in a ton of appropriate feed ingredients according to the table below to obtain the proper concentration in the Type C Top-Dress Medicated Feed (100 to 800 g/ton).

The following table gives examples of how some Type C Top-Dress Medicated Feed concentrations can be prepared:

Pounds of Optaflexx 45 ^a To Add Per Ton To Make Type C Top-Dress Medicated Feed	Resulting Ractopamine HCl Concentration in Type C Top-Dress Medicated Feed ^b		
	grams/ton	grams/pound	mg/pound
Top-Dress			
2.2	100	0.05	50
4.41	200	0.1	100
6.61	300	0.15	150

8.81	400	0.2	200
17.62	800	0.4	400

^a Optaflexx 45 contains 45.4 g ractopamine hydrochloride per pound

^b Based on 90% Dry Matter Basis

Feeding Directions Complete Type C Medicated Feed: Feed as the sole ration during the last 28 to 42 days on feed.

Type C Top-Dress Medicated Feed: Feed a minimum of 1 lb per head per day of Type C top-dress medicated feed containing 100 to 800 g/ton of ractopamine hydrochloride to provide 70 to 400 mg ractopamine hydrochloride per head per day during the last 28 to 42 days on feed.

Warnings

Withdrawal Periods:

No withdrawal period is required when used according to labeling.

User Safety Warnings: Not for use in humans. Keep out of reach of children. The active ingredient in Optaflexx, ractopamine hydrochloride, is a beta-adrenergic agonist. Individuals with cardiovascular disease should exercise special caution to avoid exposure. The Optaflexx Type A medicated article poses a low dust potential under usual conditions of handling and mixing. When mixing and handling Optaflexx, use protective clothing, impervious gloves, protective eye wear, and a NIOSH-approved dust mask. Operators should wash thoroughly with soap and water after handling. If accidental eye contact occurs, immediately rinse eyes thoroughly with water. If irritation persists, seek medical attention. To obtain a Safety Data Sheet(s), contact Elanco US Inc. at 1-800-428-4441.

Animal Safety Warnings: Behavioral signs such as agitation and decreased feed consumption have been reported in cattle fed ractopamine hydrochloride.

Additional Recommendations: See the Beef Quality Assurance (BQA) recommendations for best practices in cattle care and handling during Optaflexx feeding, transport, and marketing to help mitigate the behavioral signs stated in the Animal Safety Warnings section above.

Storage and Handling: Store at less than or equal to 25°C (77°F). Excursions to 40°C (104°F) are acceptable. Avoid excessive moisture.

Expiration Date and Lot Number are printed on the bag.

Not to be used after the expiry date.

QUESTIONS/COMMENTS? To report side effects, access medical information, or obtain additional product information, contact Elanco US Inc. at 1-800-428-4441.

For additional information about reporting side effects for animal drugs, contact FDA at 1-888-FDA-VETS or www.fda.gov/reportanimalae.

Restricted Drug (California) - Use Only as Directed

Approved by FDA under NADA # 141-221



Optaflexx™ 45

Manufactured for: Elanco US, Inc
Indianapolis, IN 46221

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Revision Date: NOV/2025

BG243489X

YL243489X

Lot

DOM

EXP

Principal Display Panel - 25 lb Bag Label

Elanco™

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Optaflexx™ 45

(ractopamine hydrochloride Type A medicated article)

**For use in Feeds For Growing Beef Steers and
Heifers Fed in Confinement for Slaughter Only**

**Net Weight 25 lb
(11.34 kg)**

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(ractopamine hydrochloride Type A medicated article)

For use in Feeds for Growing Beef Steers and Heifers Fed in Confinement for Slaughter Only

Net Weight **25 lb**
(11.34 kg)

For further manufacturing only.

Active Drug Ingredient: Ractopamine Hydrochloride - 45.4 g per lb (100 g per kg)

Inert Ingredients: Ground corn cobs.

Important: Must be thoroughly mixed into feeds before use. Follow label directions.

Indications for Use: Complete Type C Medicated Feed: For increased rate of weight gain, improved feed efficiency and increased carcass leanness in growing beef steers and heifers fed in confinement for slaughter during the last 28 to 42 days on feed. Not for use in cattle intended for breeding.

Type C Top-Dress Medicated Feeds: For increased rate of weight gain and improved feed efficiency in growing beef steers and heifers fed in confinement for slaughter during the last 28 to 42 days on feed. Not for use in cattle intended for breeding. **Note:** Increased carcass leanness is not an approved indication for use with Top-Dress Feeding.

Approved Concentrations of Ractopamine Hydrochloride in Complete Type C Medicated Feeds

Indications for Use	Concentration of Ractopamine Hydrochloride in Type C Medicated Feed*	Ractopamine HCl (mg/hd/d)
Increased Rate of Weight Gain, and Improved Feed Efficiency	8.2 to 24.6 g/ton (9 ppm to 27 ppm)	70-430
Increased Rate of Weight Gain, Improved Feed Efficiency, and Increased Carcass Leanness	9.8 to 24.6 g/ton (11 ppm to 27 ppm)	90-430

* Based on 90% Dry Matter Basis

Carcass Measurements	Effect of Ractopamine Hydrochloride*		
	8.2 g/ton (9 ppm)	18.4 g/ton (21 ppm)	24.6 g/ton (27 ppm)
Hot Carcass Weight, lbs	↑	↑	↑
Dressing Percentage, %	NC	↑	↑
Carcass Percent Fat, %	NC	↓	↓
12th Rib Fat Thickness, in.	NC	NC	NC
Average Rib Eye Area, sq. in.	↑	↑	↑
USDA Yield Grade	NC	NC	↓
Marbling Score	NC	NC	NC
Rate of Carcass Lean Gain per Day	NC	↑	↑
Efficiency of Carcass Lean Gain per Day	NC	↑	↑

* NC = No Change, ↑ = Increased, ↓ = Decreased

↑ Steers Only

↑ Reaction indicates an improvement in USDA Yield Grade.

Approved Concentrations of Ractopamine Hydrochloride in Type C Top-Dress Medicated Feeds

Indications for Use	Concentration of Ractopamine HCl in Type C Top-Dress Medicated Feed*	Ractopamine HCl (mg/hd/d)
Increased Rate of Weight Gain and Improved Feed Efficiency	100 to 800 g/ton in a minimum of 1 lb of Type C Top-Dress Medicated Feed	70-400

* Based on 90% Dry Matter Basis

Mixing Directions for Complete Type C Medicated Feeds: Thoroughly mix Optaflexx 45 Type A Medicated Article in a ton of appropriate feed ingredients according to the table below to obtain the proper concentration in the Type B Medicated Feed (maximum 4,920 g/ton). The following table gives examples of how some Type B Medicated Feed concentrations can be prepared:

Pounds of Optaflexx 45* To Add Per Ton To Make a Type B Medicated Feed	Resulting Ractopamine HCl Concentration in Type B Medicated Feed*	
	grams/ton	grams/pound
32.8	500	0.25
35.1	1,640	0.82
72.2	3,280	1.64
108.3	4,920	2.46

* Optaflexx 45 contains 45.4 g ractopamine hydrochloride per pound

* Based on 90% Dry Matter Basis

Thoroughly mix Optaflexx 45 Type A Medicated Article in a ton of complete cattle feed according to the table below to obtain the proper concentration in the Type C Medicated Feed. Prepare an intermediate pre-blend of the premix prior to mixing in a complete feed. Thoroughly mix the required amount in a convenient quantity of feed ingredients then add to the remaining feed ingredients to make one ton of complete feed.

Pounds of Optaflexx 45* Per Ton To Make a Type C Medicated Feed	Resulting Ractopamine HCl Concentration in Type C Medicated Feed*
0.18	8.2 grams/ton (9 ppm)
0.36	16.4 grams/ton (18 ppm)
0.54	24.6 grams/ton (27 ppm)

* Optaflexx 45 contains 45.4 g ractopamine hydrochloride per pound

* Based on 90% Dry Matter Basis

Mixing Directions for Type B Liquid Medicated Feeds: Thoroughly mix Optaflexx Type A Medicated Article in a ton of appropriate feed ingredients according to the table below to obtain the proper concentration in the Type B Medicated Feed (maximum 2,300 g/ton). Maintain supplement pH at 4.5 to 7.5. For stored Type B Liquid Medicated Feeds containing ractopamine, recirculate immediately prior to use for not less than 10 minutes, moving not less than 1% of the tank contents per minute from the bottom of the tank to the top. Recirculate daily as described even when not in use. The following table gives examples of how some Type B Liquid Medicated Feed concentrations can be prepared:

Pounds of Optaflexx 45* To Add Per Ton To Make a Type B Liquid Medicated Feed	Resulting Ractopamine HCl Concentration in Type B Liquid Medicated Feed	
	grams/ton	grams/pound
35.1	1,640	0.82
44.1	2,000	1
50.7	2,300	1.15

* Optaflexx 45 contains 45.4 g ractopamine hydrochloride per pound

Mixing Directions for Type C Top-Dress Medicated Feeds: Thoroughly mix Optaflexx 45 Type A Medicated Article in a ton of appropriate feed ingredients according to the table below to obtain the proper concentration in the Type C Top-Dress Medicated Feed (100 to 800 g/ton). The following table gives examples of how some Type C Top-Dress Medicated Feed concentrations can be prepared:

Pounds of Optaflexx 45* To Add Per Ton To Make Type C Top-Dress Medicated Feed	Resulting Ractopamine HCl Concentration in Type C Top-Dress Medicated Feed*		
	grams/ton	grams/pound	mg/pound
Top-Dress			
2.2	100	0.05	50
4.41	200	0.1	100
6.61	300	0.15	150
8.81	400	0.2	200
17.62	800	0.4	400

* Optaflexx 45 contains 45.4 g ractopamine hydrochloride per pound

* Based on 90% Dry Matter Basis

Feeding Directions Complete Type C Medicated Feed: Feed as the sole ration during the last 28 to 42 days on feed.

Type C Top-Dress Medicated Feed: Feed a minimum of 1 lb per head per day of Type C top-dress medicated feed containing 100 to 800 g/ton of ractopamine hydrochloride to provide 70 to 400 mg ractopamine hydrochloride per head per day during the last 28 to 42 days on feed.

Warnings

Withdrawal Period:
No withdrawal period is required when used according to labeling.

User Safety Warnings: Not for use in humans. Keep out of reach of children. The active ingredient in Optaflexx, ractopamine hydrochloride, is a beta-adrenergic agonist. Individuals with cardiovascular disease should exercise special caution to avoid exposure. The Optaflexx Type A medicated article poses a low dust potential under usual conditions of handling and mixing. When mixing and handling Optaflexx, use protective clothing, impervious gloves, protective eye wear, and a NIOSH-approved dust mask. Operators should wash thoroughly with soap and water after handling. If accidental eye contact occurs, immediately rinse eyes thoroughly with water. If irritation persists, seek medical attention. To obtain a Safety Data Sheet(s), contact Elanco US Inc. at 1-800-428-4441.

Animal Safety Warnings: Behavioral signs such as agitation and decreased feed consumption have been reported in cattle fed ractopamine hydrochloride.

Additional Recommendations: See the Beef Quality Assurance (BQA) recommendations for best practices in cattle care and handling during Optaflexx feeding, transport, and marketing to help mitigate the behavioral signs stated in the Animal Safety Warnings section above.

Storage and Handling: Store at less than or equal to 25°C (77°F). Excursions to 40°C (104°F) are acceptable. Avoid excessive moisture. Expiration Date and Lot Number are printed on the bag. Not to be used after the expiry date.

QUESTIONS/COMMENTS? To report side effects, access medical information, or obtain additional product information, contact Elanco US Inc. at 1-800-428-4441. For additional information about reporting side effects for animal drugs, contact FDA at 1-866-DC-METS or www.fda.gov/reportanimal.

Restricted Drug (California) - Use Only as Directed
Approved by FDA under NADA # 141-321

Optaflexx™ 45
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Indianapolis, IN 46221
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Revision Date: NOV/2025



NEUTRAL
BIOETHICS

BQ243480X

Optaflexx™ 45

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(ractopamine hydrochloride Type A medicated article)

For use in Feeds for Growing Beef Steers and Heifers Fed in Confinement for Slaughter Only

Net Weight **25 lb**
(11.34 kg)

For further manufacturing only.

Active Drug Ingredient: Ractopamine Hydrochloride
- 45.4 g per lb (100 g per kg)

Inert Ingredients: Ground corn cobs.
Important: Must be thoroughly mixed into feeds before use. Follow label directions.

Indications for Use: **Complete Type C Medicated Feeds:** For increased rate of weight gain, improved feed efficiency and increased carcass leanness in growing beef steers and heifers fed in confinement for slaughter during the last 28 to 42 days on feed. Not for use in cattle intended for breeding.

Type C Top-Dress Medicated Feeds: For increased rate of weight gain and improved feed efficiency in growing beef steers and heifers fed in confinement for slaughter during the last 28 to 42 days on feed. Not for use in cattle intended for breeding. **NOTE:** Increased carcass leanness is not an approved indication for use with Top-Dress Feeding.

Approved Concentrations of Ractopamine Hydrochloride in Complete Type C Medicated Feeds

Indications for Use	Concentration of Ractopamine Hydrochloride in Type C Medicated Feed*	Ractopamine HCl (mg/head)
Increased Rate of Weight Gain, and Improved Feed Efficiency	8.2 to 24.8 g/ton (9 ppm to 27 ppm)	70-430
Increased Rate of Weight Gain, Improved Feed Efficiency, and Increased Carcass Leanness	8.8 to 24.8 g/ton (11 ppm to 27 ppm)	90-430

*Based on 90% Dry Matter Basis

Carcass Measurements	Effect of Ractopamine HCl*		
	8.2 g/ton (9 ppm)	16.4 g/ton (18 ppm)	24.8 g/ton (27 ppm)
Hot Carcass Weight, lb	↑	↑	↑
Dressing Percentage, %	NC	↑	↑
Carcass Percent Fat, %	NC	↓	↓
12th Rib Fat Thickness, in.	NC	NC	NC
Average Rib Eye Area, sq. in.	↑	↑	↑
USDA Yield Grade	NC	NC	↓
Marbling Score	NC	NC	↓
Rate of Carcass Lean Gain per Day	NC	↑	↑
Rate of Carcass Fat Gain per Day	NC	↓	↓

* NC = No Change ↑ = Increased ↓ = Decreased

† Steers Only

‡ Reduction indicates an improvement in USDA Yield Grade

Approved Concentrations of Ractopamine Hydrochloride in Type C Top-Dress Medicated Feeds

Indications for Use	Concentration of Ractopamine HCl in Type C Top-Dress Medicated Feed*	Ractopamine HCl (mg/head)
Increased Rate of Weight Gain and Improved Feed Efficiency	100 to 800 g/ton in a minimum of 1 lb of Type C Top-Dress Medicated Feed*	70-400

*Based on 90% Dry Matter Basis

Mixing Directions for Complete Type C Medicated Feeds: Thoroughly mix Optaflexx 45 Type A Medicated Article in a ton of appropriate feed ingredients according to the table below to obtain the proper concentration in the Type C Medicated Feed. Prepare an intermediate pre-blend of the premix prior to mixing in a complete feed. Thoroughly mix the required amount in a convenient quantity of feed ingredients then add to the remaining feed ingredients to make one ton of complete feed. The following table gives examples of how some Type B Medicated Feed concentrations can be prepared:

Pounds of Optaflexx 45 To Add Per Ton To Make a Type B Medicated Feed	Resulting Ractopamine HCl Concentration in Type B Medicated Feed*	
	grams/ton	grams/pound
30.8	500	0.25
36.1	1,540	0.82
44.1	3,280	1.64
108.3	4,920	2.46

* Optaflexx 45 contains 45.4 g ractopamine hydrochloride per pound

† Based on 90% Dry Matter Basis

Mixing Directions for Type C Top-Dress Medicated Feeds: Thoroughly mix Optaflexx 45 Type A Medicated Article in a ton of appropriate feed ingredients according to the table below to obtain the proper concentration in the Type C Top-Dress Medicated Feed. Prepare an intermediate pre-blend of the premix prior to mixing in a complete feed. Thoroughly mix the required amount in a convenient quantity of feed ingredients then add to the remaining feed ingredients to make one ton of complete feed. The following table gives examples of how some Type C Top-Dress Medicated Feed concentrations can be prepared:

Pounds of Optaflexx 45 To Add Per Ton To Make a Type C Top-Dress Medicated Feed	Resulting Ractopamine HCl Concentration in Type C Top-Dress Medicated Feed*	
	grams/ton	grams/pound
0.18	8.2 grams/ton (9 ppm)	
0.36	16.4 grams/ton (18 ppm)	
0.54	24.8 grams/ton (27 ppm)	

* Optaflexx 45 contains 45.4 g ractopamine hydrochloride per pound

† Based on 90% Dry Matter Basis

Mixing Directions for Type B Liquid Medicated Feeds: Thoroughly mix Optaflexx Type A Medicated Article in a ton of appropriate feed ingredients according to the table below to obtain the proper concentration in the Type B Medicated Feed (maximum 2,300 g/ton).

Maintain supplement pH at 4.5 to 7.5. For stored Type B Liquid Medicated Feeds containing ractopamine, recalculate immediately prior to use for not less than 10 minutes, moving not less than 1% of the tank contents per minute from the bottom of the tank to the top. Recalculate daily as described even when not in use.

The following table gives examples of how some Type B Liquid Medicated Feed concentrations can be prepared:

Pounds of Optaflexx 45 To Add Per Ton To Make a Type B Liquid Medicated Feed	Resulting Ractopamine HCl Concentration in Type B Liquid Medicated Feed	
	grams/ton	grams/pound
36.1	1,540	0.82
44.1	2,900	1
50.7	2,300	1.15

* Optaflexx 45 contains 45.4 g ractopamine hydrochloride per pound

Mixing Directions for Type C Top-Dress Medicated Feeds: Thoroughly mix Optaflexx 45 Type A Medicated Article in a ton of appropriate feed ingredients according to the table below to obtain the proper concentration in the Type C Top-Dress Medicated Feed (100 to 800 g/ton).

The following table gives examples of how some Type C Top-Dress Medicated Feed concentrations can be prepared:

Pounds of Optaflexx 45 To Add Per Ton To Make a Type C Top-Dress Medicated Feed	Resulting Ractopamine HCl Concentration in Type C Top-Dress Medicated Feed*		
	Top-Dress	grams/ton	grams/pound
2.3	100	0.05	50
4.61	200	0.1	100
6.61	300	0.15	150
8.61	400	0.2	200
17.62	800	0.4	400

* Optaflexx 45 contains 45.4 g ractopamine hydrochloride per pound

† Based on 90% Dry Matter Basis

Feeding Directions Complete Type C Medicated Feed: Feed as the sole ration during the last 28 to 42 days on feed.

Type C Top-Dress Medicated Feed: Feed a minimum of 1 lb per head per day of Type C top-dress medicated feed containing 100 to 800 g/ton of ractopamine hydrochloride to provide 70 to 400 mg ractopamine hydrochloride per head per day during the last 28 to 42 days on feed.

Warnings

Withdrawal Periods:

No withdrawal period is required when used according to labeling.

User Safety Warnings: Not for use in humans. Keep out of reach of children. The active ingredient in Optaflexx, ractopamine hydrochloride, is a beta-adrenergic agonist. Individuals with cardiovascular disease should exercise special caution to avoid exposure. The Optaflexx Type A medicated article poses a low dust potential under usual conditions of handling and mixing. When mixing and handling Optaflexx, use protective clothing, impervious gloves, protective eye wear, and a NIOSH-approved dust mask. Operators should wash thoroughly with soap and water after handling. If accidental eye contact occurs, immediately rinse eyes thoroughly with water. If irritation persists, seek medical attention. To obtain a Safety Data Sheet(s), contact Elanco US Inc. at 1-800-428-4441.

Animal Safety Warnings: Behavioral signs such as agitation and decreased feed consumption have been reported in cattle fed ractopamine hydrochloride.

Additional Recommendations: See the Beef Quality Assurance (BQA) recommendations for best practices in cattle care and handling during Optaflexx feeding, transport, and marketing to help mitigate the behavioral signs stated in the Animal Safety Warnings section above.

Storage and Handling: Store at least 5° and up to 25°C (77°F). Excursions to 45°C (104°F) are acceptable. Avoid excessive moisture. Expiration Date and Lot Number are printed on the bag. Not to be used after the expiry date.

Questions/Comments? To report side effects, access medical information, or obtain additional product information, contact Elanco US Inc. at 1-800-428-4441. For additional information about reporting side effects for animal drugs, contact FDA at 1-888-FDA-WETS or www.fda.gov/reportermain.

Restricted Drug (Calfman) - Use Only as Directed
Approved by FDA under NADA # 141-021

Optaflexx™ 45

Manufactured for: Elanco US, Inc.
Indianapolis, IN 46221

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Revision Date: NOV/2025

YL24086X

OPTAFLEXX 45

ractopamine hydrochloride powder

Product Information

Product Type	OTC TYPE A MEDICATED ARTICLE ANIMAL DRUG	Item Code (Source)	NDC:58198-0630
Route of Administration	ORAL		

Active Ingredient/Active Moiety

Ingredient Name	Basis of Strength	Strength
ractopamine hydrochloride (UNII: 309G9J93TP) (ractopamine - UNII:57370OZ3P1)	ractopamine hydrochloride	45.4 g in 0.45 kg

Packaging

#	Item Code	Package Description	Marketing Start Date	Marketing End Date
1	NDC:58198-0630-9	11.34 kg in 1 BAG		

Marketing Information

Marketing Category	Application Number or Monograph Citation	Marketing Start Date	Marketing End Date
NADA	NADA141221	06/03/2010	

Labeler - Elanco US Inc. (966985624)

Revised: 1/2026

Elanco US Inc.