

ELANCO* AF0630-25B

For use in Feeds For Cattle
Fed In Confinement For Slaughter Only

Optaflexx® 45

Ractopamine
Hydrochloride

Net Weight 25 lb
(11.34 kg)

Type A Medicated Article

Do not Feed Undiluted.

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

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

Indication: For increased rate of weight gain, improved feed efficiency and increased carcass leanness in cattle fed in confinement for slaughter during the last 28 to 42 days on feed.

Indications	Appropriate Concentration of Ractopamine in Type C Medicated Feed ^a	Ractopamine (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

Inert Ingredients: Ground corn cobs.

Carcass Measurements	Effect of Ractopamine ^a		
	8.2 grams/ton (9 ppm)	16.4 grams/ton (18 ppm)	24.6 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 The effect of ractopamine on parameters listed in this table is supported by data generated at the doses tested in the clinical field efficacy trials.

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

^b Steers Only

^c Reduction indicates an improvement in USDA Yield Grade.

Mixing Directions: Thoroughly mix Optaflexx 45 Type A Medicated Article in a ton of appropriate feed ingredients or diluents 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 Concentration in Type B Medicated Feed ^b	
	grams/ton	grams/pound
36.1	1,640	0.82
72.2	3,280	1.64
108.3	4,920	2.46

^a Optaflexx 45 contains 45.4g 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 Concentration in Type C Medicated Feed ^b	
	grams/ton	grams/pound
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 45.4g ractopamine hydrochloride per pound

^b Based on 90% Dry Matter Basis

Mixing Directions (Liquid Type B Feeds): Thoroughly mix Optaflexx Type A Medicated Article in a ton of appropriate feed ingredients or diluents according to the table below to obtain the proper concentration in the Type B Medicated Feed (maximum 2300 g/ton).

Maintain supplement pH at 4.5 to 7.5. For stored liquid Type B 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 Medicated Feed concentrations can be prepared:

Pounds of Optaflexx 45 ^a To Add Per Ton To Make a Liquid Type B Medicated Feed	Resulting Ractopamine Concentration in Liquid Type B Medicated Feed	
	grams/ton	grams/pound
36.1	1,640	0.82
44.1	2,000	1.00
50.7	2,300	1.15

^a Optaflexx 45 contains 45.4g ractopamine hydrochloride per pound

Directions for Use: Feed continuously to cattle fed in confinement for slaughter as the sole ration during the last 28 to 42 days on feed.

CAUTION: Not for animals intended for breeding.

NOT FOR HUMAN USE

WARNING: The active ingredient in Optaflexx, ractopamine hydrochloride, is a beta-adrenergic agonist. Individuals with cardiovascular disease should exercise special caution to avoid exposure. Not for use in humans. Keep out of the reach of children. The Optaflexx 45 formulation (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. The material safety data sheet contains more detailed occupational safety information. To report adverse effects, access medical information, or obtain additional product information, call 1-800-428-4441.

Store at Room Temperature. Avoid Moisture.
Expiration Date and Lot Number are printed on the bag. Not to be used after the expiry date.

Restricted Drug (California) - Use Only as Directed - NADA # 141-221, Approved by FDA

Elanco Animal Health
A Division of Eli Lilly and Company
Indianapolis, IN 46285, U.S.A.

Optaflexx® 45

To report adverse effects, access medical information, or obtain additional product information, call 1-800-428-4441.
*Elanco®, Optaflexx®, and the diagonal color bar are trademarks of Eli Lilly and Company.
BG5042DEAMB (V02-06-2007)

