

# Promotor-L 47 Poultry

Levorotatory form amino acids and vitamins



## Amino acids

Per litre of product:

L-Alanine:	7,4 g.	L-Cistine:	4,6 g.	L-Isoleucine:	5,6 g.	L-Proline:	11,8 g.
L-Arginine:	8,6 g.	L-Glutamic Ac.:	17,8 g.	L-Leucine:	8,7 g.	L-Serine:	12 g.
L-Aspartic Ac.:	10 g.	L-Glicine:	10,3 g.	L-Lisine:	7,6 g.	L-Treonine:	6,2 g.
L-Phenylalanine:	5,8 g.	L-Histidine:	1,5 g.	L-Methionine:	1,8 g.	L-Tirosine:	3,1 g.
L-Valine:	9,3 g.	L-Triptophan:	0,6 g.	Hidroxiprolina:	Trazes		

## Vitamins

Per litre of product:

Nicotianamide	16,25 g.	Vitamin B <sub>6</sub>	1,125 g.
D-Panthenol	7,5 g.	Inositol	2,5 g.
Vitamin B <sub>1</sub> HCl	1,75 g.	Biotin	1 mg.
Vitamin B <sub>2</sub>	2,5 g.		

## DOSAGE AND ADMINISTRATION ROUTE:

- Oral solution. Use in drinking water.
- **Poultry:** During first week of life: 1 ml/l, during 5-7 days.
- In periods with high physiological requirements (stress, post vaccination reactions, feed restrictions); 0.5-1 ml/l.
- **Other species:** 2 ml/10 Kg BW/day, during 4-5 days.

## EFFECTS:

- Improves animal yield, feed conversion rate and viability.
- Increases laying %, fertility %, hatchability % and uniformity.
- In pullets, increases uniformity of the flock and reach standard weight.

## INDICATIONS:

- In reception.
- In stress periods (heat, postvaccination).
- In moulting.
- In nutritional diseases and deficiencies.



LABORATORIOS CALIER, S.A.

Barcelonès, 26 (Pol. Ind. El Ramassar)  
08520 Les Franqueses del Vallès  
Barcelona (Spain)

Tel: (+34) 938 495 133  
Fax: (+34) 938 401 398

www.calier.es laboratorios@calier.es

MEXICO  
TEL. 52 33 37774343-59

POLSKA  
TEL. (+48) 95 7214521

COLOMBIA  
TEL. (571) 410 72 22 / 7107 /  
7123 / 7126 / 7142

PORTUGAL  
TEL. 351 21 9248140 /  
351 91 757 25 67

ITALY  
TEL. (+39) 02 87 39 20 74

URUGUAY  
TEL. 5982 6062056 /  
598 99694161

VENEZUELA  
TEL. (+58 244)3228880/3227441

ARGENTINA  
TEL. (4582) 3697 4582 4461 /  
(4582) 8668 4582 6740 /  
(+54) 911 6402 0288

MOROCCO  
TEL. (212 537) 80 08 54

GERMANY  
TEL. (+49) 4721 6658355

DOMINICAN REPUBLIC  
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**PROVEN OUTCOMES**



# Promotor-L 47 Poultry

Levorotatory form amino acids and Vitamins



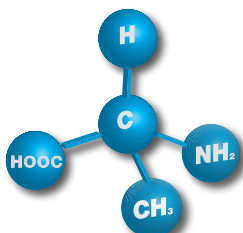


# Promotor L47 Poultry

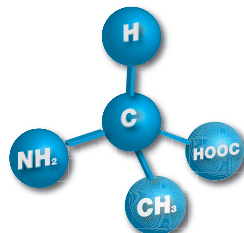
Levorotatory form amino acids and Vitamins

## High digestibility amino acids

It contains all the necessary amino acids, essential and not essential, for the best development of the birds. All the amino acids are in levorotatory form, which confers a high digestibility.



D-Amino acid



L-Amino acid

## High concentration

The amounts of each amino acid are well-adjusted, without an excess, to be a perfect supplement to the diet at certain times of the production cycle of broilers, layers and breeder hens.

Promotor-L47

Competitor



Raw product

Competitor Promotor-L47 Competitor



Diluted at 1 ml/litre

## High solubility

Its completely soluble in order to achieve better application avoiding any problems in tanks and water pipes. Other products eventually precipitate and cause clogging problems in pipes.

## High stability

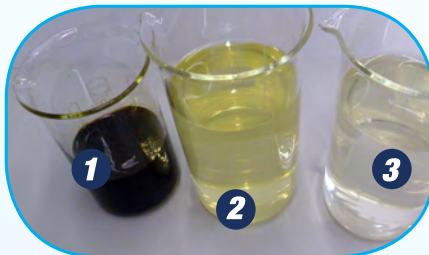
The formula avoids fast degradation compounds such as fat-soluble vitamins, which may cause clogging problems in pipes. The product performance is assured for a long period of time and it does not affect the quality of the drinking water.

## Well balanced formula

It adjusts to the needs of the birds following the concept of Ideal Protein, in order that the birds receive the necessary quantities of every amino acid, not more not less.

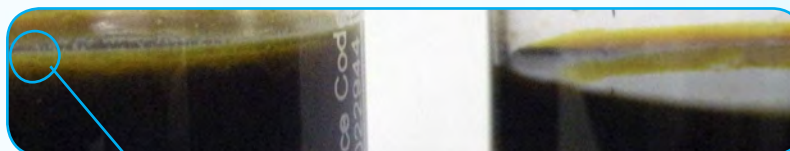
### Promotor-L 47 concentrations (in hard water)

- 1 Raw product
- 2 1 ml/l
- 3 0,5 ml/l



Competitor product

Promotor-L 47 without the oil film

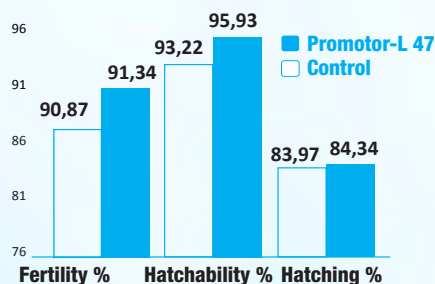
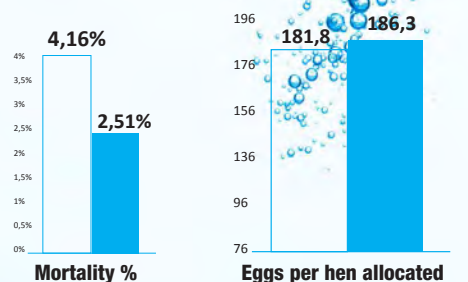


In other products we can see an oil film in 24 hours



# Improves zootechnical parameters

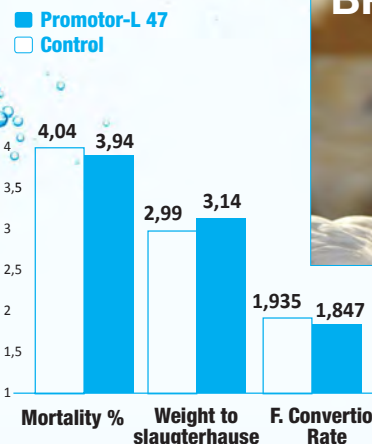
## BREEDERS



- Decreases Mortality
- Better Uniformity
- Increases Fertility
- Increases Egg Hatchability
- Increases Hatching

Trial realized in Spain. Ross 308, 65 weeks. Administration protocol: 1st week, 7 days: 1 ml/l. Weeks 4<sup>th</sup>, 11<sup>th</sup>, 18<sup>th</sup>, 25<sup>th</sup> y 32<sup>nd</sup>: 3 days, at 0,5 ml/l. January 2012.

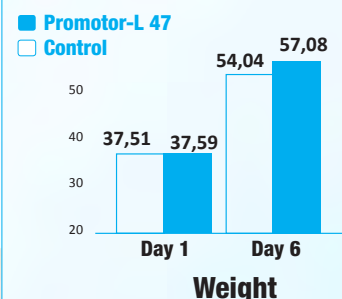
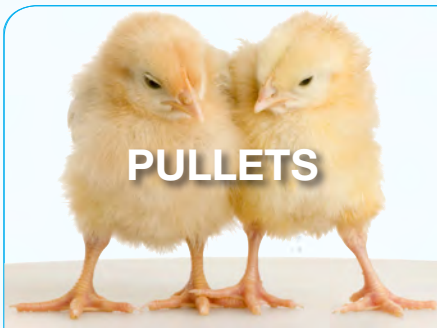
## BROILER



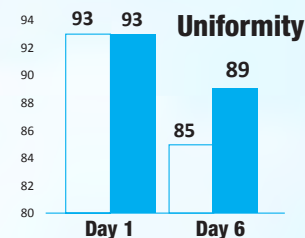
- Decreases Feed Conversion Rate
- Increases daily average gain
- Increases final weight

Trial conducted in Spain. Cobb 500 line. Administration protocol: 1<sup>st</sup> week, 7 days: 1 ml/l. Day 15, 16, 17, 18, two days before and two days after Gumboro vaccination. Dosage 0.5 ml/l. Final age; 47 days. December 2012.

## PULLETS

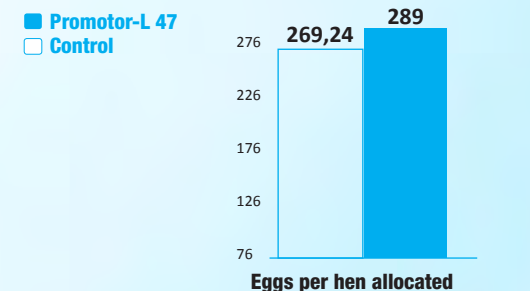
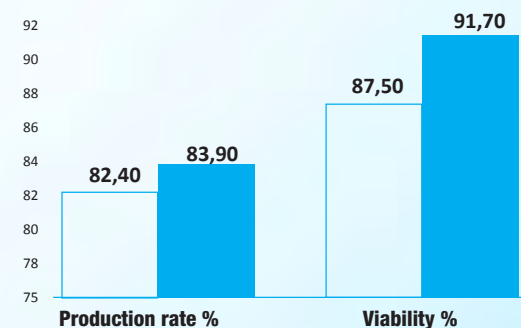


- Decreases Mortality
- Increases daily weight
- Increases Uniformity



Test conducted with 800 one day pullets, Hisex White line. 2 groups were separated with 100 birds each one. 4 replications. Brasil, September 2012.

## LAYER HENS



- Better Uniformity
- Increases Egg Production
- Decreases Mortality
- Decreases Feed Conversion

Trial conducted in Colombia. Lohmann LSL line. Administration protocol: Since 18<sup>th</sup> week, every 4 weeks, dosage 1ml/l of drinking water. April 2012.