



## YOUR SOLUTION

Excellent **healthy ingredient** for your **feed formulation**



[boublenza.com](http://boublenza.com)



CARANI is a natural ingredient with a natural composition-100% carob powder, used in animal nutrition as an excellent healthy ingredient for feed formulation. CARANI is a functional ingredient feed during critical stages of animal development due to its contents in:

- **Natural sugars** : high energy source, sweet palatability.
  - **Fibers** : soluble and insoluble for good digestibility, satiety, stimulation of water intake and gut health.
  - **Minerals** as calcium for promoting strength bone density during gestation and lactation, potassium for decreasing heat stress sensitivity...
  - **Polyphenols** as tannins, antioxidative molecules, which prevent diarrhea, with a positive influence on digestibility in small intestine.
- CARANI is caffeine and theobromine free, perfect and safety ingredient for the dog chocolate.

### Dosage varies from 2% to 10% :

Analysis	CARANI®	CARANI® Light	CARANI® Medium	CARANI® Dark
■ Moisture	<6%	<6%	<6%	<6%
■ Total sugars	≥40%	~37%	~27%	~15%
■ Ash	<5%	≤4%	≤4%	≤4,5%
■ Total brut protein	<6%	<6%	<6%	<6%
■ Fat	≤1%	≤1%	≤1,5%	≤1,5%
■ Crude fiber	<11%	<15%	<20%	<25%
■ Total dietary fiber	~42%	~41%	~46%	~60%
■ pH	5-6	5-6	5-6	5-6
■ Energy value /100g	310kcal / 1170kJ	300kcal / 1290kJ	290kcal / 1220kJ	270kcal / 1100kJ
■ Granulometry	96% < 105 µ	96% < 75µ	96% < 75µ	96% < 75µ

### Microbiological specifications :

Aeorbic plate count	<10 <sup>4</sup> cfu / g
Salmonella	Absent / 25g
E.coli	Absent / g
Yeast and moulds	<10 <sup>3</sup> cfu / g

### The package :

25Kg multilayer paper bag, liner polyethylene bag.

### Shelf life :

- 18 months from manufacturer date.
- To keep in a dry and cool place away from the direct sunlight.

QUALITY PERFORMANCE SCIENCE FAMILY NATURAL QUALITY PERFORMANCE SCIENCE FAMILY  
**PERFORMANCE NATURAL QUALITY SCIENCE**  
 FAMILY NATURAL QUALITY PERFORMANCE SCIENCE FAMILY NATURAL QUALITY