

REGALAC

High-quality dairy
concentrate

2

REGALAC 18

POR 0556



High quality dairy concentrate for piglets

TECHNA has designed **REGALAC 18**, a high quality dairy preparation meant for the conception of diets for prestarting (under the sow) and starting piglets.

REGALAC 18 is a specific formulation based on an optimal balance of noble raw materials :

- **Dairy products:** skimmed milk as a first component (lactose, caseins...), de-mineralized whey and serum proteins.
- Raw materials concentrated in carbohydrates and highly digestible amino-acids by withdraw of undesirable fractions (minerals, allergenic, indigestible ...).
- Saccharose and malto-dextrins for a complex carbohydrates intake and a control of glycemia kinetics.
- **Ideal fatty acids profile** highly digestible thanks to a balance fats intake.
- Respectful process of the naturally bio-active molecules: medium chains fatty acids (bacteria inhibitors), immunoglobulins and lactoferrins (immunity)...

REGALAC 18, thanks to its flexible incorporation rate and its balanced nutritional characteristics, offers a great flexibility in formulation and finds its interest in all your piglets products (prestarter and starter feed until ~15 kg of body weight).

Presentation: 25 kg bag.

Principal components:

Skimmed milk powder (40%), vegetable fats (18%), demineralized whey (15%), carbohydrates and malto-dextrins (15%), concentrated serum proteins, soy hydrolysates.

Analytical Characteristics :

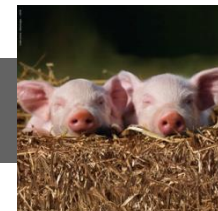
Crude proteins	18%
Crude fats	18%
Carbohydrates	45%
including lactose	30%
Crude ash	≤ 08%
Moisture	≤ 05%

Complementary feed meant for feed manufacturing delivered to piglets of less than 42 days old.

INSTRUCTIONS FOR USE : POR 0556

- Incorporation rate: 5 to 50% in the complete feed

GRUPE
TECHNA



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The perfect carbohydrates complex



Enzymes activities evolution with piglets age.

- Intelligent carbohydrates complex perfectly designed for weanling piglets:

- Lactose:

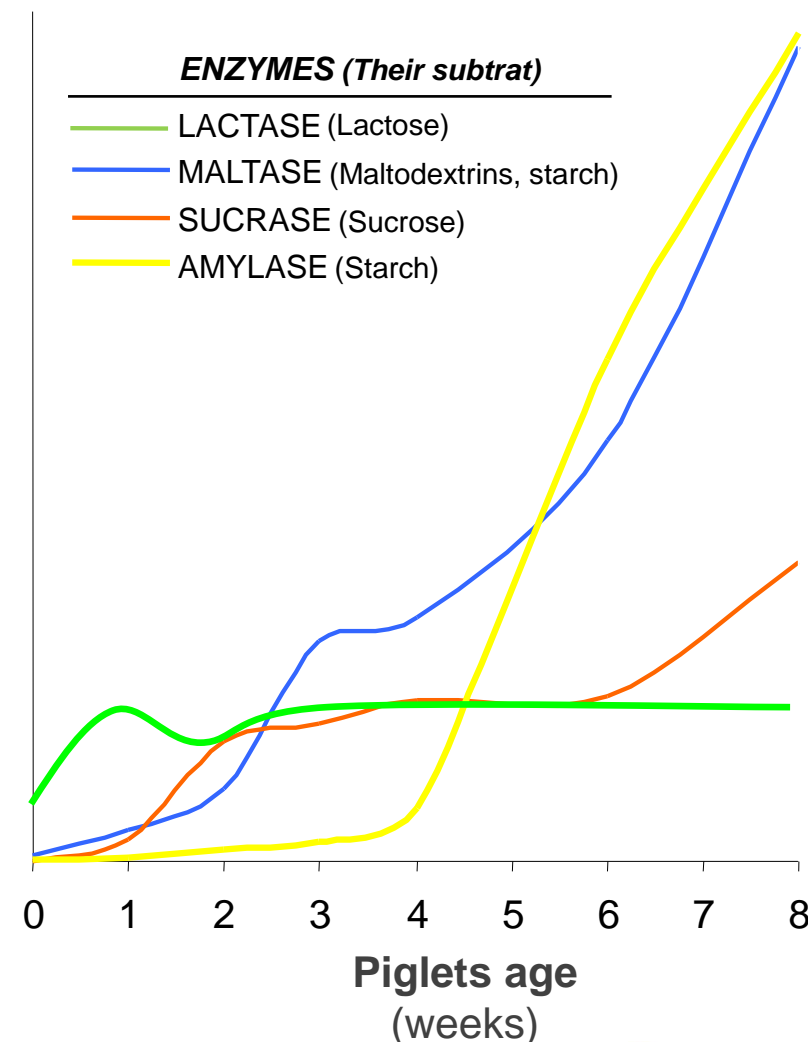
- ⇒ Readily digestible by piglets since birth,
- ⇒ Energy source, feed intake stimulator, nutrient for benefic commensal bacterias.

- Maltodextrins:

- ⇒ In between simple sugars (dextrose) and complex molecular structures (starch),
- ⇒ Stimulate maltase and amylase secretion = earlier enzymatic maturation.

- Sucrose:

- ⇒ Disaccharide, simple molecule, digestible for weanling piglets,
- ⇒ Main responsible for sweet attractant taste.



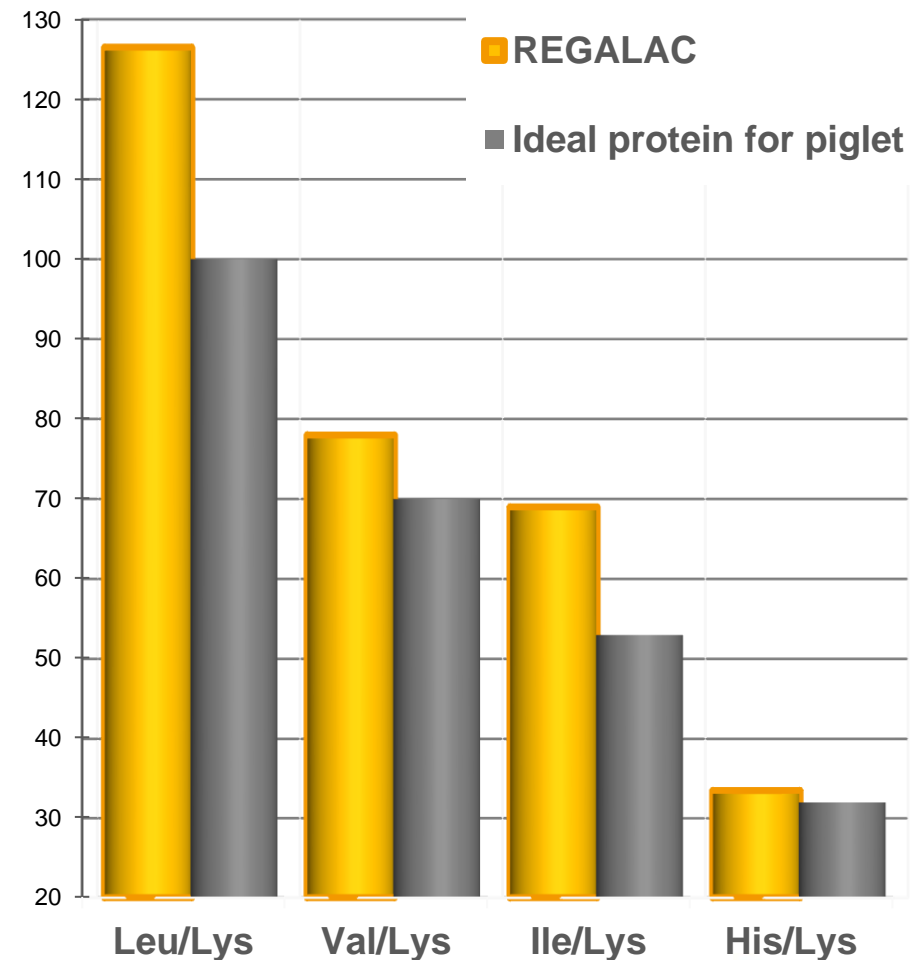
Digestible and balanced amino acid profile



- Noble highly-digestible proteins...
 - Skimmed milk caseins,
 - Whey serum proteins,
 - Vegetable proteins hydrolysates,
- ...perfectly dosed to meet piglet ideal amino acid profile:
 - Rich in secondary amino acids: valine leucine, isoleucine, histidine, etc...
 - Co-contributor, with REGALINE, to restore the ideal amino acid profile for piglets (most feeds being unbalanced),

→ Amino acids profile

(average values from control analysis)

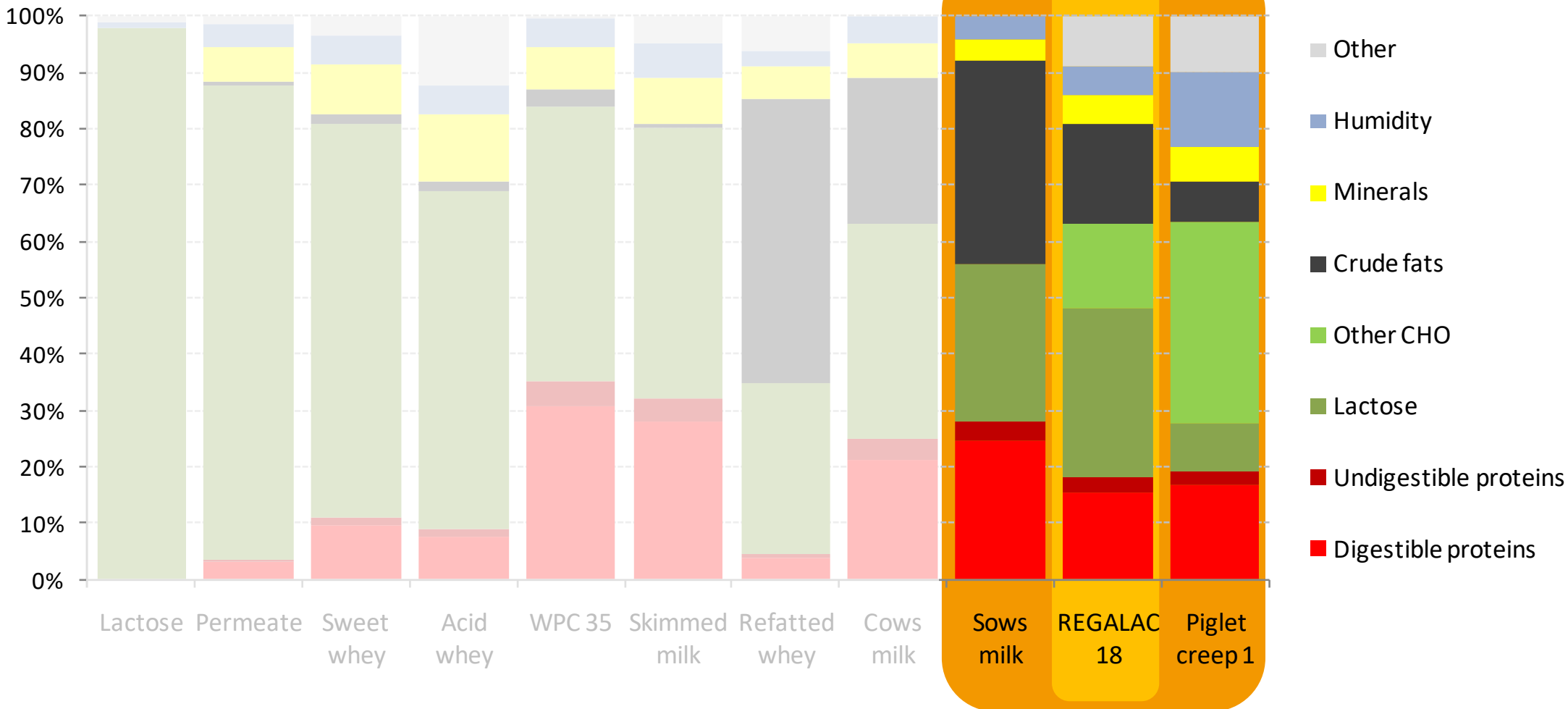


High-quality in every details!



- Every useful molecule has been respected and concentrated
 - Medium-chains fatty-acids
 - ⇒ Bacterias growth inhibitors
 - Dairy immunoglobulins and lactoferrins
 - ⇒ Key molecules for young piglets passive immunity
- Every potentially undesirable fractions has been removed
 - No excess minerals
 - ⇒ Low in undesirable minerals (osmotic diarrheas promoters, buffer role)
 - ⇒ Low buffering capacity (stomach pH maintain low)
 - No allergenics
 - ⇒ Purified and hydrolysed proteins
 - Low indigestible fraction
 - ⇒ High-digestibility ingredients + perfect balance = nearly no indigestible!

REGALAC 18: the ideal intermediate in between milk and piglet creep feeds



REGALAC 18: buffering capacity lower than any other dairy product



Buffering capacity

