



## Evaluation of different sources of butyrate in prestarter piglet fed

SPAIN, 2017  
PREM13-POR-LETS-5

The inclusion of sodium butyrate in piglet diets has shown for several years effectively stimulating feed intake, reducing the intestinal disorders and improving the performance parameters. There are different sources of protected sodium butyrate on the market, but they do not have the same concentration, price, or mode of action.



### Method and Material

A total of 400 piglets, distributed in 2 treatments:

- C4 VFA 54% sodium butyrate (43,2 % butyric acid)      C4 VFA 3 kg/ton 1,3 butyric acid/ton
- Butyrin: 60-65% di tributyrin (56 % butyric acid)      SR 130 2,3 kg/ton 1,3 butyric acid/ton

8 replicates per treatment and 25 animals/pen

Initial weight at weaning 5,19 kg/piglet

Final weight 14 days post-weaning 6,98 kg/piglet

### Results

Treatment	Initial weight (kg)	Final weight (kg)	Mortality (%)	ADFI (kg)	BWG (kg)	FCR
Butyrin	5.18	6.98	0.50	0.177	0.128	1.383
C4 VFA	5.20	6.98	1.00	0.189	0.127	1.488
P		0,9056	0,5467	0,4191	0,9082	0,3680

Productive performance was similar in both groups of animals. Therefore, the cost of the product per unit of butyrate will be decisive

Do you want to know more?



butirexC4.net