Title: Evaluation of different dietary electrolyte balance in weanling pigs diets

Author: Xin Jian Lei Jing Young Chung Jae Hong Park In Ho Kim

PII: S0377-8401(16)31077-X
DOI: http://dx.doi.org/doi:10.1016/j.anifeedsci.2017.02.014
Reference: ANIFEE 13731

To appear in: *Animal Feed Science and Technology*

Received date: 3-12-2016
Revised date: 21-2-2017
Accepted date: 25-2-2017

Please cite this article as: Lei, X.J., Chung, J.Y., Park, J.H., Kim, I.H.,Evaluation of different dietary electrolyte balance in weanling pigs diets, *Animal Feed Science and Technology* (2017), http://dx.doi.org/10.1016/j.anifeedsci.2017.02.014

Highlights

- We evaluated effects of 4 levels (0, 83, 166, 250 mEq/kg of diet) of dietary electrolyte balance (dEB) on growth performance and nutrient digestibility in weanling pigs.
- Average daily feed intake and average daily gain were optimized when pig fed diets with dEB ranging from 166 to 250 mEq/kg.
- Pigs fed diets with dEB of 166 and 250 mEq/kg had greater apparent total tract digestibility of dry matter and nitrogen.

Running head: dietary electrolyte balance in weanling pigs

Evaluation of different dietary electrolyte balance in weanling pigs diets

Xin Jian Lei, Jing Young Chung, Jae Hong Park, and In Ho Kim*

Department of Animal Resource and Science, Dankook University, Cheonan, 330-714, Chungnam, South Korea