

Dura-C™ Protected Vitamin C for poultry diets



Unique formula with improved Vitamin C stability, delivering the following benefits:

- Proprietary technology increases durability during feed processing and handling
- Two concentrations of Vitamin C available (80% and 35%)
- Highly stable formulation helps optimize bioavailability and performance



Some key benefits of Vitamin C supplementation include:

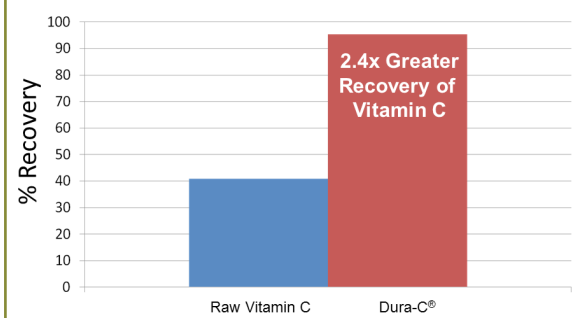
- Improved antioxidant response
- Assists with the formation of connective tissue and bone matrix
- Supports immune function and reproductive performance
- May alleviate effects of heat stress in poultry¹
- May influence the incidence of Wooden Breast Syndrome in broilers²

¹ C.C. Whitehead and T. Keller (2003) An update on ascorbic acid in poultry. *World's Poultry Science Journal*, Volume 59, Issue 2 June 2003, pp. 161-184

² "...Finally, our results suggest that vitamin C supplementation may help lower the incidence of the Wooden Breast myopathy in modern broiler chickens. Future research using different levels of vitamin C in the broilers' diet may help elucidate the usefulness of vitamin C supplementation." *Abasht B. et al (2016) Oxidative Stress and Metabolic Perturbations in Wooden Breast Disorder in Chickens. PLoS ONE 11(4): e0153750. doi: 10.1371/journal.pone.0153750*

To learn more about the benefits of Dura-C™ Protected Vitamin C, contact QualiTech at 1.800.328.5870 or email custserv@qualitechco.com.

Recovery after pelleting



Results show the value of using Dura-C in pelleted poultry diets reduces the need of over-fortification to supply the required vitamin C levels, which can substantially reduce the cost of vitamin C supplementation.

Pelleting Conditions:

- 175-185° F measured at the Die Head.
- Steam generator used to heat feed added 2 to 3% moisture
- Feed moisture out of pellet mill ~ 10%

