



WEST CENTRAL®

SoyChlor®

Technical Bulletin

Consistent Chloride

SoyChlor® is manufactured using hydrochloric acid, the most effective metabolic acidifier.

Hydrochloric acid delivers only chloride ions that reduce pH. With the highest levels of chloride from hydrochloric acid, no other anionic source is as effective as SoyChlor®.

Hydrochloric acid is the most palatable source of chloride. The anionic salts are bitter and can cause a reduction in dry matter intake if fed at too high a level or not masked completely with silages and grains. Unlike the bitter tasting anionic salts, SoyChlor® has a unique flavor that is preferred by cows the world over.

We are sometimes asked whether the acid would volatilize off over time, thus reducing the chloride level of SoyChlor®. In response to this and as part of a quality control study, samples retained over a six-month period were analyzed for chloride.

Analyses were conducted on 10/28/02

Product	Date of Manufacture	% Chloride
SoyChlor 16-7	5/1/2002	10.18
SoyChlor 16-7	5/16/2002	10.25
SoyChlor 16-7	5/29/2002	10.52
SoyChlor 16-7	6/7/2002	10.14
SoyChlor 16-7	7/1/2002	10.07
SoyChlor 16-7	7/11/2002	10.16
SoyChlor 16-7	7/17/2002	10.35
SoyChlor 16-7	8/6/2002	10.18
SoyChlor 16-7	8/15/2002	10.07
SoyChlor 16-7	8/30/2002	10.43
SoyChlor 16-7	9/18/2002	10.24
SoyChlor 16-7	9/24/2002	10.17
SoyChlor 16-7	10/8/2002	10.66
SoyChlor 16-7	10/21/2002	10.64

Average = 10.29

SD = 0.20

CV = 1.94%

The chloride levels were found to be very consistent between older and newer samples. From this data, it is clear that SoyChlor® does not lose chloride over time.