



SCCL

SCIENCE ♦ NATURE ♦ CARE

We are colostrum



Calf's Choice Total® 100

Only whole colostrum provides newborns with the colostrum proteins, colostrum fat and other critical ingredients required within hours after birth.

SCCL'S MANUFACTURING PROCESS

Using a unique process honed by veterinarians and engineers over 25 years, SCCL is able to collect colostrum from healthy dairy cows and dry it to create a safe, efficacious, stable and pure product.

COLOSTRUM COLLECTION

SCCL's colostrum is collected from dairy farms that are licensed to produce milk for human consumption. Each farm collects fresh colostrum from cows soon after a calf is born. The farm reserves what they need and any excess is immediately put into a sanitized plastic pail provided by SCCL, labeled for identification, and placed into a freezer for storage. Immediate freezing preserves the important ingredients naturally found in colostrum. Our pail labeling system gives us complete traceability to the farm and cow of origin.

The frozen colostrum is transported to our processing facilities where samples from all pails are analyzed in our quality control laboratory. The product is graded and only pails that meet our product specifications are released for processing.

COLOSTRUM PROCESSING

SCCL's products are made only from whole bovine colostrum collected from healthy cows up to 24 hours after birthing. Since all ingredients found in colostrum are important and contribute to its wide spectrum of biological activities, nothing is altered.

SCCL's colostrum processing steps are designed to ensure product purity, safety, and stability.

1. **HEAT TREATMENT** - This key procedure is a multi-step, proprietary process that achieves equivalence to pasteurization without damaging essential components found in colostrum. Carefully timed heating and cooling cycles are both applied under strict controls. Testing is done both during heat treatment and on the final products to ensure that equivalence to pasteurization has been achieved and key colostrum components are intact.
2. **SPRAY DRYING** - This carefully controlled procedure turns the liquid colostrum into a shelf stable fine powder.

COLOSTRUM PACKAGING

The colostrum powder is packaged into individual bags or bulk containers. After packaging each product, it is again tested to ensure that it meets rigorous quality control standards. The final product is stable at room temperature for up to three years.



WHY CALF'S CHOICE TOTAL[®] 100?

INDICATIONS

- ◆ May be used to enrich or replace maternal colostrum.
- ◆ Rich in colostrum fat, a critical early source of energy for newborn calves.
- ◆ CCT is an excellent source of essential colostrum proteins, growth factors, and nutrients which benefit calf survival, health, growth, and long term performance.
- ◆ CCT is not a manufactured formula based on whey, eggs, vegetable fats or other ingredients not naturally found in colostrum.

FEEDING RECOMMENDATIONS

- ◆ Feed as soon as possible after birth, ideally within 2 hours. Calves should receive a second feeding of Calf's Choice Total or good quality maternal colostrum within the next 8 hours.
- ◆ Feeding additional amounts in the first or subsequent feedings may provide additional health and productivity benefits. Feeding more colostrum is recommended when calves are stressed or sanitation is poor. Consult your veterinarian.

To Enrich or Supplement Maternal Colostrum with CCT

Number of Packages	Amount of Water	Final Volume	Feeding purpose
0.5 (350 g)	625 mL	925 mL*	Enrich
1.0 (700 g)	1.25 L	1.85 L*	Adequate Replacer or Enrich
1.5 (1050 g)	1.8 L	2.8 L	Adequate Replacer
2.0 (1400 g)	2.5 L	3.7 L	Excellent Replacer

* Use a nipple bottle where final volume is less than 2 L.



INGREDIENTS

Bovine dried colostrum

TYPICAL ANALYSIS (PER 700 GRAM BAG)

Crude Protein	46 %
Oils (in the form of colostrum fat)	22 %
Reconstituted Volume	1.85 L


FEED ADDITIVES PER KG

Antioxidant - Butylated hydroxytoluene (E321)	35 mg
---	-------



CALF'S CHOICE TOTAL[®] 100

An excellent source of essential colostrum proteins, growth factors, nutrients, and energy for calves.

- ◆ **Whole Bovine Colostrum** - not a manufactured formula based on whey or eggs
- ◆ **Sourced in the UK and EU** - EBL free, TB free
- ◆ **High in Colostral Fat** - important energy source required by calves immediately after birth
- ◆ **Safe and Effective** - free of disease-causing organisms, tested for safety and efficacy
- ◆ **Convenient** - easily mixes in under 15 seconds and has a 3-year shelf life
- ◆ **GMP+ FSA Assured** 

More information?

Alta Ltd. ◆ 01995 600196 ◆ uk.altagenetics.com

Alta and SCCL are sister companies within URUS.