



BARTEK INGREDIENTS INC.
421 Seaman St.
Stoney Creek, Ontario L8E 3J4
Canada

BARTEK SOL-U-CAL (CALCIUM FUMARATE TRIHYDRATE)

FORMULA: $\text{CaC}_4\text{H}_2\text{O}_4 \cdot 3\text{H}_2\text{O}$

C.A.S. NO.: 28376-12-7

The F.D.A. classifies Calcium Fumarate as a dietary and nutritional additive.
SOL-U-CAL meets the purity requirements of 21 CFR §172.350.

DESCRIPTION: White or nearly white, free flowing crystals. Odourless. Neutral taste.

SPECIFICATIONS:

| <u>Test or Assay</u> | <u>Specification</u> | <u>Method</u> |
|-----------------------------|---|----------------------|
| Calcium Fumarate Trihydrate | 99.0% min | As the Trihydrate |
| Calcium | 19.0% min. | FCC EDTA titration |
| Moisture | 23.0 - 26.9% | Karl Fischer |
| Colour | White crystals | Visual |
| Insolubles | No solids or turbidity in 0.3% solution after 5 minutes of mixing | Visual |
| Heavy metals (as Pb) | <10 ppm | FCC |
| Lead | <2 ppm | FCC |

PARTICLE SIZE: On 20 mesh (850 micron) 2% maximum

PACKAGING: 20 kg/44 lbs. multiwall paperbags palletized on 40"(101.6 cm) x 48"(121.9 cm) standard wooden pallet and shrink-wrapped.

PRODUCTION POINT: Stoney Creek, Ontario, Canada.

STORAGE: Clean, dry, ambient conditions.

SHELF LIFE: Two years from the date of production under the recommended storage conditions.

Date Issued: August 16, 2006

Supersedes: February 19, 2004

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