KemTRACE® brand Chromium 0.04%
Dry Mineral Supplement
(0.04% Chromium from Chromium Propionate)

DESCRIPTION
A chromium supplement for broilers and all classes of swine and cattle to be used in complete feed.

INGREDIENTS
Calcium Carbonate, Mineral Oil and Chromium Propionate.

QUALITY SPECIFICATIONS

| Guaranteed analysis: | (Cr) min..................0.04%; 400 ppm
| Total Chromium | (Ca) min..................36%; 360,000 ppm
| Calcium | (Ca) max..................40%; 400,000 ppm
| Calcium |  
| pH of a 10% solution | 7.0 – 9.0
| Residue | Less than 5% (20 mesh screen)
| Color | Green
| Odor | Slightly acrid

TYPICAL CHARACTERISTICS

| Flowability | Good
| Bulk Density | 60 – 90 lb/ft³

INSTRUCTIONS FOR USE

BROILERS: KemTRACE Chromium 0.04% dry delivers 0.2 parts per million (200 parts per billion) chromium (from chromium propionate) when added and thoroughly mixed at the rate of 1 pound per ton of complete broiler feed.

SWINE: KemTRACE Chromium 0.04% dry delivers 0.2 parts per million (200 parts per billion) chromium (from chromium propionate) when added and thoroughly mixed at a rate of 1 pound per ton of complete swine feed.

CATTLE: KemTRACE Chromium 0.04% dry delivers 0.5 parts per million (500 parts per billion) chromium (from chromium propionate) when added and thoroughly mixed at a rate of 2.5 pounds per ton of complete cattle diets. Chromium propionate must be premixed with dry ingredients prior to adding to high moisture ingredients or forages.

HANDLING AND STORAGE

STORAGE: Store at room temperature. Rotate inventory.

WARNING: Do not breathe premix dust. Restrict use to responsible individuals. Dust from this product has been classified as a nuisance.
**CAUTION**
Do not cross-contaminate unsupplemented feeds. Follow label directions. Chromium from all sources of supplemental chromium cannot exceed 0.2 parts per million of the complete broiler or swine feed and cannot exceed 0.5 parts per million of the complete cattle diet.

**MOLECULAR STRUCTURE OF KEMIN CHROMIUM PROPIONATE**

![Molecular Structure](image)

**Figure 1.** Drawing of Kemin chromium propionate cation. Green indicates chromium atoms; grey indicates carbon atoms; red indicates oxygen atoms. Hydrogen atoms are not shown for clarity.

**CHEMICAL NAME & EMPIRICAL FORMULA OF KEMIN CHROMIUM PROPIONATE**

triaqua-(μ₃-oxo)hexakis(μ₂-propionato-Ο,Ο') trichromium propionate

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[\text{Cr}_3(\text{O})(\text{CH}_3\text{CH}_2\text{CO}_2)_6(\text{H}_2\text{O})_3]\text{CH}_3\text{CH}_2\text{CO}_2
\]

**REFERENCE**
21 CFR 573.304  
AAFCO Ingredient Definition 57.166

**PACKAGING**
25 kg bag