

**NAME AND CODE****Zinc Citrate Dihydrate USP Low Lead Fine Granular**

Code 2940

CHEMICAL FORMULA $Zn_3(C_6H_5O_7)_2 \cdot 2H_2O$ Mol. Wt. 610.36**CAS NUMBER**

546-46-3

USE

Nutrient; Dietary supplement; Oral Care Products

DESCRIPTION

White to off-white fine granule

CHEMICAL SPECIFICATION**TESTS****SPECIFICATIONS**

Appearance	white to off-white fine granule
Assay of dried product (as Zn)	31.3% minimum
Arsenic (As)	3 ppm maximum
Lead (Pb)	1 ppm maximum
LOD @ 105°C	1.0% maximum
Sulfate (as SO ₄)	0.05% maximum
Chloride (as Cl)	0.05% maximum
Cadmium (Cd)	5 ppm maximum
Mercury (Hg)	0.1 ppm maximum
Identification:	
TEST A	Positive
TEST B	Positive

Microbial Test Results

Aerobic Plate Count	1000 cfu / gram max.
Yeast and Mold Count	100 cfu /gram max.
Total Coliforms	Negative
E. coli	Absent

CONTAINERS

50 kg / 110 lb. fiber drums; 25 kilogram packs EU only

STORAGE

Store in a clean, dry warehouse in original unopened containers.

REVISION DATE

02/18/14