

**NAME AND CODE****Zinc Citrate Dihydrate USP Powder**

Code 2953

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 fine powder

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

Assay of dried product (as Zn)	31.3% minimum
Arsenic (as As)	3 ppm maximum
Cadmium (Cd)	5 ppm maximum
Lead (as Pb)	10 ppm maximum
LOD @ 105°C	1.0% maximum
Sulfate (as SO ₄)	0.05% maximum
Chloride (as Cl)	0.05% maximum
Identification:	
TEST A	Positive
TEST B	Positive

Microbial Test Results

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

ZINC CONTENT

Anhydrous Basis	33.3% minimum
As Is	31.0% minimum

CONTAINERS

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

STORAGE

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

REVISION DATE

09/17/09