NAME AND CODE
Zinc Lactate Dihydrate Purified Powder
Code: 2963

CHEMICAL FORMULA
Zn (C₃H₅O₃)₂ · 2H₂O  Mol. Wt. 279.51

CAS NUMBER
63179-81-7 or 16039-53-5

USE
Nutrient; Dietary Supplement; Oral Care

DESCRIPTION
White powder

CHEMICAL SPECIFICATION
TESTS  SPECIFICATIONS
Assay (as Zn)  22.0 – 24.5%
LOD  10.5 – 13.5%
pH  5.0 to 8.0
Iron (Fe)  5 ppm maximum
Sulfate (as SO₄)  50 ppm maximum
Chloride (Cl)  20 ppm maximum
Lead (as Pb)  5 ppm maximum
Heavy Metals (as Pb)  15 ppm maximum

Microbial Test Results
Aerobic Plate Count 1000 cfu/gm maximum
Yeast and Mold Count 100 cfu/gm maximum
Total Coliforms Negative
E Coli Negative

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

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

ZINC CONTENT
As Is  22.0 – 24.5%

(For Formulation Guidance)

REVISION DATE
05/19/15