



NAME AND CODE

Magnesium Citrate Tribasic Anhydrous USP Granular

Code: 2549

CHEMICAL FORMULA

$Mg_3(C_6H_5O_7)_2$

Mol. Wt. 451.13

CAS NUMBER

3344-18-1

USE

Nutrients; Dietary Supplement; Pharmaceuticals

DESCRIPTION

White powder

CHEMICAL SPECIFICATION

TESTS

SPECIFICATIONS

Assay (as Mg)

14.5-16.4%

Heavy Metals (as Pb)

10 ppm maximum

LOD

2.0% maximum

Identification

Test A

Pass test

Test B

Pass test

pH

5.0-9.0

Chlorides

0.05% maximum

Sulfates

0.2% maximum

Arsenic

3 ppm maximum

Iron

100 ppm maximum

Calcium

0.15% maximum

Organic Volatile Impurities

Conforms to USP requirements

LEAD

0.5 ppm maximum

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

12/28/05