

**NAME AND CODE****Ammonium Citrate Dibasic FCC Granular**

Code: 2046

**CHEMICAL FORMULA** $(\text{NH}_4)_2\text{HC}_6\text{H}_5\text{O}_7$  Mol. Wt. 226.19**CAS NUMBER**

3012-65-5

**USE**

Analytical reagent, electronic etching, a buffer, and as a starter material for culture media

**DESCRIPTION**

White fine granular product. Ammoniacal odor.

**CHEMICAL SPECIFICATION****TESTS**

Identification  
    Ammonium  
    Citrate  
Assay (anhydrous basis)  
Lead  
Iron (Fe)  
Chloride (Cl)  
Sulfate (SO<sub>4</sub>)  
pH of 5% solution

**SPECIFICATIONS**

Positive  
Positive  
98.0-103.0%  
2 ppm maximum  
0.001% maximum  
0.001% maximum  
50 ppm maximum  
4.5 – 5.5

Microbial Test Results

Aerobic Plate Count      1000 cfu/gm maximum  
Yeast & Mold Count      100 cfu/gm maximum  
Total Coliforms          Negative

**CONTAINERS**

100 kg / 220 lb. fiber drums; 25 kilogram packs EU only

**STORAGE**

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

**REVISION DATE**

05/07/14