

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

Code: 2040

**CHEMICAL FORMULA** $(\text{NH}_4)_3\text{C}_6\text{H}_5\text{O}_7$  Mol. Wt. 243.22**CAS NUMBER**

3458-72-8

**USE**

Electronic etching and other high purity applications

**DESCRIPTION**

Translucent crystalline product. Slight ammoniacal odor.

**CHEMICAL SPECIFICATION****TESTS**

Appearance  
Identification  
    Ammonia  
    Citrate  
Solution Clarity  
Assay  
pH (10%)  
Chloride  
Iron  
Calcium  
Chromium  
Lithium  
Magnesium  
Nickel  
Sodium  
Lead (Pb)  
Oxalate  
Particle Size

**SPECIFICATIONS**

Colorless Crystal  
  
to pass test  
to pass test  
clear, colorless  
98% minimum  
6.5 - 8.5  
10 ppm maximum  
1 ppm maximum  
10 ppm maximum  
1 ppm maximum  
1 ppm maximum  
5 ppm maximum  
1 ppm maximum  
5 ppm maximum  
1 ppm maximum  
to pass test  
90% min. on 70 mesh

**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**

09/17/10