

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

Code: 2045

**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, and other high purity applications

**DESCRIPTION**

White fine granular product. Ammoniacal odor.

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

Assay (anhydrous basis)	98.0-103.0%
Heavy Metals (as Pb)	5 ppm maximum
Iron (Fe)	0.001% maximum
ROI	0.01% maximum
Insoluble Matter	0.005% maximum
Chloride (Cl)	0.001% maximum
Oxalate ( $\text{C}_2\text{O}_4$ )	To Pass Test
Phosphate ( $\text{PO}_4$ )	5 ppm maximum
Sulfur Compounds (as $\text{SO}_4$ )	0.005% maximum

**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**

05/16/06