

**NAME AND CODE****Ammonium Citrate Dibasic Purified 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****SPECIFICATIONS**

Assay (anhydrous basis)

98.0-103.0%

Heavy Metals (as Pb)

10 ppm maximum

Iron (Fe)

20 ppm maximum

ROI

0.05% maximum

Insoluble Matter

0.01% maximum

Chloride (Cl)

20 ppm maximum

Sulfate (SO₄)

50 ppm maximum

pH of 5% solution

4.8-5.2

IDENTIFICATION

Ammonium

Positive

Citrate

Positive

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