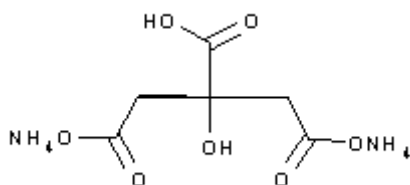
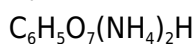
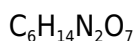




PRODUCT CODE: 131120

di-Ammonium Hydrogen Citrate (Reag. USP, Ph. Eur.) for analysis, ACS



M.= 226,19

CAS [3012-65-5]

EINECS 221-146-3

TARIC 2918 15 00 10

SYNONYMS: Ammonium Citrate Dibasic, Secondary Ammonium Citrate

PHYSICAL DATA: crystalline powder, White, Soluble in water 1.000 g/l at 20 °C D 1,48 • pH(50 g/l)5,2 •

BIBLIOGRAPHY: Merck Index **12**, 540 13, 513 Safety **2**, **234 D** • Röm p **8**, **188** • Beilstein **3**, **553** • ACS **XI** •

HAZARDOUS: RTECS: GE 7573000 •



H: H319 •

P: P264 • P280 • P305+P351+P338 • P337+P313 •

SPECIFICATIONS:

Assay (Acidim.)

98,0-103,0%

Maximum limit of impurities

| | |
|------------------------------|-----------|
| Insoluble matter in H2O | 0,005 % |
| Residue on ignition (as SO4) | 0,01 % |
| Chloride (Cl) | 0,0005% |
| Sulfur compounds (SO4) | 0,005 % |
| Phosphate (PO4) | 0,0005 % |
| Oxalate (C2O4) | 0,05% |
| Heavy Metals (ICP-OES) | 0,0005 % |
| Water (H2O) | 1 % |
| As | 0,00001 % |
| Ca | 0,002 % |
| Cd | 0,0005 % |
| Co | 0,0005 % |
| Cr | 0,0005 % |
| Cu | 0,0005 % |
| Fe | 0,0005 % |
| K | 0,005 % |
| Mg | 0,0005 % |
| Mn | 0,0005 % |
| Na | 0,005 % |
| Ni | 0,0005 % |
| Pb | 0,0005 % |
| Zn | 0,0005 % |