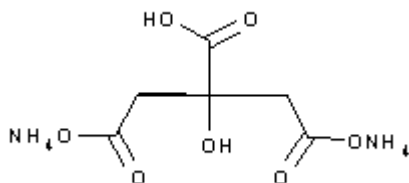


PRODUCT CODE: 131120

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

$C_6H_{14}N_2O_7$

$C_6H_5O_7(NH_4)_2H$



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** • Römpp **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 %