



PRODUCT CODE: 131126

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

H_6NO_4P

$(NH_4)H_2PO_4$

M.= 115,03

CAS [7722-76-1]

EINECS 231-764-5

TARIC 3105 40 00 00

SYNONYMS: Ammonium Phosphate Monobasic, Primary Ammonium Phosphate

PHYSICAL DATA: crystals, White, Soluble in water 370 g/l at 20 °C Thermal decom. above 190 °C • D 1,8 • M.P.: 190 °C • pH4 - 5 •

BIBLIOGRAPHY: Merck Index **12**, 577 13, 547 Safety **2**, **235 C** • Römp **8**, **191** • ACS **XI** • F.C.C **11 12** •

HAZARDOUS:

SPECIFICATIONS:

Minimum assay (Acidim.) 99%

pH of 5% solution 3,8-4,4

Maximum limit of impurities

Insoluble matter in H₂O 0,005 %

Chloride (Cl) 0,0005%

Sulfur compounds (as SO₄) 0,005 %

Nitrate (NO₃) 0,001%

As 0,00005 %

Heavy metals (as Pb) 0,0005%

Metals by ICP [in mg/Kg (ppm)]

Ag 5

Al 5

Au 5

B	5
Ba	5
Be	5
Ca	10
Cd	5
Co	5
Cr	5
Cu	5
Fe	5
Ga	5
Ge	5
Hg	5
In	5
K	50
Li	5
Mg	5
Mn	5
Mo	5
Na	50
Ni	5
Pb	5
Pt	5
Sb	5
Se	5
Si	5
Sn	5
Sr	5
Ti	5
Tl	5
V	5
Zn	5
Zr	5