



PRODUCT CODE: 131126

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

$\text{H}_6\text{NO}_4\text{P}$

$(\text{NH}_4)\text{H}_2\text{PO}_4$

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 **12 13** •

HAZARDOUS:

SPECIFICATIONS:

Minimum assay (Acidim.)	99%
pH of 5% solution	3,8-4,4

Maximum limit of impurities

Insoluble matter in H ₂ O	0,005 %
Chloride (Cl)	0,0005%
Sulfur compounds (as SO ₄)	0,005 %
Nitrate (NO ₃)	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