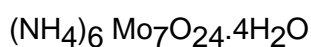
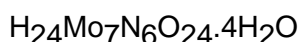




PRODUCT CODE: 131134

Ammonium Molybdate 4-hydrate (Reag. USP, Ph. Eur.) for analysis, ACS, ISO, BioChemica



M.= 1.235,86

CAS [12054-85-2]

EINECS 234-722-4

TARIC 2841 70 00 90

SYNONYMS: Ammonium Heptamolybdate, Ammonium Molybdat(VI)

PHYSICAL DATA: crystalline powder, White or slightly yellowish or greenish, Soluble in water 400 g/l at 20 °C Thermal decom. above 150 °C • D 2,498 • pH(50g/l)5,3 •

BIBLIOGRAPHY: Merck Index **12**, 565 13, 536 Safety **2**, **241 D** • Römp **8**, **190** • ACS **XI** • ISO 6353/3-1987 R - 65 , 32 • USP **43** •

HAZARDOUS: RTECS: QA 5076000 • VLA-ED (Mo) 5 mg/m3

SPECIFICATIONS:

Minimum assay (Compl.)	99,0%
Assay (as MoO ₃) (Compl.)	81,0-83,0 %
pH sol. 0.05 mol/l	4.0 - 5.5

Maximum limit of impurities

Insoluble matter in H ₂ O	0,005 %
Chloride (Cl)	0,002%
Phosphate (PO ₄)	0,0005 %
Sulfate (SO ₄)	0,02%
Arsenates, phosphates and silicates (as SiO ₂)	0,001 %
Nitrate (NO ₃)	0,003%
Heavy Metals (ICP-OES)	0,001 %

Ca	0,005	%
Cd	0,0005	%
Co	0,0005	%
Cu	0,0005	%
Fe	0,0005	%
K	0,002	%
Mg	0,005	%
Mn	0,0005	%
Na	0,005	%
Ni	0,0005	%
Pb	0,0005	%
Zn	0,0005	%