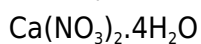
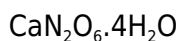




PRODUCT CODE: 131231

Calcium Nitrate 4-hydrate for analysis, ACS



M.= 236,15

CAS [13477-34-4]

EINECS 233-332-1

TARIC 2834 29 80 00

PHYSICAL DATA: crystals, White, Soluble in water 2.660 g/l at 20 °C Thermal decom. above 130 °C • Hygroscopic
• D 1,86 • M.P.: 42 °C • pH4 - 6 •

BIBLIOGRAPHY: Merck Index **12**, 1.729 13, 1.687 Sax **CAU250** • Safety **2 , 668 D** • Römp **8 , 570** • ACS **XI** •

HAZARDOUS: RTECS: EW 3000000 • LD50 oral rat 3.900 mg/kg •



H: H272 • H319 •

P: P210 • P220 • P221 • P264 • P280 • P501 • P305+P351+P338 • P337+P313 • P370+P378 •

TRANSPORT REGULATIONS: UN: 1454 • ADR: 5.1/III • IMDG: 5.1/III • IATA: 5.1/III • PAX: 559 • CAO: 563 • (E) •

OBSERVATIONS: Not recommended in areas with a very hot climate •

SPECIFICATIONS:

Assay (Compl.)	99,0-103,0 %
pH of 5% solution	5,0-7,0

Maximum limit of impurities

Acidity(as HNO ₃)	0,05%
Insoluble matter in H ₂ O	0,005 %
Chloride (Cl)	0,005%
Ammonium (NH ₄)	0,005%
Sulfate (SO ₄)	0,002%
Nitrite (NO ₂)	0,001%
Heavy Metals (ICP-OES)	0,0005 %

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

Al	10
Ba	50
Bi	5
Cd	5
Co	5
Cr	5
Cu	5
Fe	5
K	50
Mg	100
Mn	5
Mo	5
Na	50
Ni	5
Pb	5
Sr	100
Tl	5
Zn	5