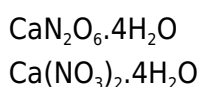




PRODUCT CODE: 131231

Calcium Nitrate 4-hydrate (Reag. USP) 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** · Rmp **8** , **570** · ACS **XI** ·

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



H: H272 · H319 · H302 ·

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 HNO3)	0,05%
Insoluble matter in H2O	0,005 %
Chloride (Cl)	0,005%
Ammonium (NH4)	0,005%
Sulfate (SO4)	0,002%
Nitrite (NO2)	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