

**PRODUCT CODE: 131493****Potassium Chlorate (Reag. Ph. Eur.) for analysis, ACS**

ClKO₃KClO₃

M.= 122,55

CAS [3811-04-9]

EINECS 223-289-7

TARIC 2829 19 00 00

PHYSICAL DATA: crystalline powder, White, Soluble in water 73 g/l at 20 °C Thermal decom. above 400 °C • D 2,32 • M.P.: 356 °C • pH(73 g/l)5,6 •

BIBLIOGRAPHY: Merck Index **12**, 7.782 13, 7.703 Sax **PLA250** • Safety **2 , 2897 B** • Römp **8 , 2014** • Kühn-Birett **K 3** • Fieser **1927** • ACS **XI** • Ph. Helv. VII •

HAZARDOUS: C.E: 017-004-00-3 • RTECS: FO 0350000 • LD50 oral rat 1.200 mg/kg •



H: H271 • H300 • H411 •

P: P210 • P273 • P301+P310 • P306+P360 • P370+P376 • P371+P380+P375 •

TRANSPORT REGULATIONS: UN: 1485 • ADR: 5.1/II • IMDG: 5.1/II • IATA: 5.1/II • PAX: 558 • CAO: 562 • (E) •

SPECIFICATIONS:

Minimum assay

99,0%

Maximum limit of impuritiesInsoluble matter in H₂O

0,005 %

Chloride (Cl)

0,001%

Nitrogen compounds (as N)	0,001%
Sulfate (SO ₄)	0,002%
Bromate (BrO ₃)	0,015%
Heavy metals (as Pb)	0,0005%

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

Ag	5
Al	5
As	5
Bi	5
Ca	20
Cd	5
Co	5
Cr	5
Cu	5
Fe	3
Li	5
Mg	10
Mn	5
Mo	5
Na	100
Ni	5
Pb	5
Sr	5
Tl	5
Zn	5