

**PRODUCT CODE: 131716****Sodium Sulfate anhydrous (Reag. USP) for analysis, ACS, ISO**

Na₂O₄SNa₂SO₄

M.= 142,04

CAS [7757-82-6]

EINECS 231-820-9

TARIC 2833 19 00 00

PHYSICAL DATA: crystals, crystalline powder, White, Soluble in water 162 g/l at 20 °C Hygroscopic • D 2,68 •
M.P.: 884 °C • pH(50g/l)5 - 8 •

BIBLIOGRAPHY: Merck Index **12**, 8.829 13, 8.755 Sax **SJY000** • Safety **2** , **3154 B** • Römp **8** , **2745** • Ullmann
(4.)17 , 211 • Fieser **11103** • ACS **XI** • ISO 6353/2-1983R - 35 , 50 • **BP.2018** • USP **41** • Ph. Eur. **8.0** (2014) **9.0**
(2017) • F.C.C **10 11** • BOE **243**(8-10-2009) • Regulation (EU) n° 231/2012 •

HAZARDOUS: RTECS: WE 1650000 • LD50 oral mus 5.989 mg/kg •

OBSERVATIONS: Storage below 30°C •

SPECIFICATIONS:

Minimum assay	99,0%
Identity :	
Identity	passes test
pH of 5% solution	5,2-8

Maximum limit of impurities

Insoluble matter in H ₂ O	0,005 %
Loss on ignition 800°C	0,5 %
Chloride (Cl)	0,001%
Nitrogen compounds (as N)	0,0005%
Phosphate (PO ₄)	0,001 %

As	0,0001	%
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
Bi	5
Ca	50
Cd	5
Co	5
Cr	10
Cu	5
Fe	5
Ga	5
In	5
K	20
Mg	10
Mn	5
Mo	5
Ni	5
Pb	5
Pt	5
Sb	5
Se	5
Si	5
Sr	5
Ti	5
V	5
Zr	5