

**PRODUCT CODE: 131715****Sodium Sulfate 10-hydrate (Reag. USP) for analysis, ACS**

 $\text{Na}_2\text{O}_4\text{S} \cdot 10\text{H}_2\text{O}$ $\text{Na}_2\text{SO}_4 \cdot 10\text{H}_2\text{O}$

M.= 322,19

CAS [7727-73-3]

EINECS 231-820-9

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SYNONYMS: Glauber Salt**PHYSICAL DATA:** crystals, crystalline powder, White, Soluble in water 900 g/l at 20 °C D 1,46 • M.P.: 32 °C •**BIBLIOGRAPHY:** Merck Index **12**, 8.829 13, 8.755 Safety **2** , **3154 C** • Römp **8** , **2745** • Fieser **11103** • ACS **XI** • 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: WS 8402000 •**OBSERVATIONS:** Not recommended in areas with a very hot climate •**SPECIFICATIONS:**

Minimum assay	99,0%
pH of 5% solution	5,2-8,2

Maximum limit of impurities

Insoluble matter in H ₂ O	0,005 %
Chloride (Cl)	0,0005%
Nitrogen compounds (as N)	0,0003%
Phosphate (PO ₄)	0,0005 %
As	0,0001 %
Heavy metals (as Pb)	0,0003%

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

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