PanReac AppliChem ITW Reagents

PRODUCT CODE: 775946

Sulfur standard solution S=10.00 g/l for ICP

(H2SO4 in H2O) for ICP

CAS [7664-93-9] EINECS 231-639-5
TARIC 2807 00 00 00

The solution of the element at the concentrationgiven about, is NIST standard traceable .

PHYSICAL DATA: liquid, Clear, Colourless, Miscible with water • D 20/4 1 • M.P.: 0 °C • B.P.: 100 °C •
BIBLIOGRAPHY:

HAZARDOUS: C.E: 016-020-00-8 • VLA-EC (H2SO4) 3 mg/m3 VLA-ED (H2SO4) 1 mg/m3

H: H319 • H335 • H315 •
P: P261 • P264 • P271 • P280 • P302+P352 • P501 • P304+P340 • P305+P351+P338 • P312 • P321 • P332+P313 • P337+P313 • P362 • P403+P233 • P405 •

TRANSPORT REGULATIONS: UN: 2796 • ADR: 8/II • IMDG: 8/II • IATA: 8/II • PAX: 851 • CAO: 855 • (E) •

WEIGHT/VOLUME INFORMATION: 1l~1,00 kg 1kg~1,00 l

OBSERVATIONS: Product controlled as a drug precursor. •

SPECIFICATIONS:

Composition 30,586 g H2SO4 / l H2O	
Concentration (as S)	9,90-10,10 g/l
Uncertainty	See certificate

Traceability	NIST
Method of analysis	ICP-OES

Maximum limit of impurities

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

Ag	0,001
Al	0,002
As	0,002
Au	0,001
B	0,037
Ba	0,001
Be	0,002
Bi	0,001
Ca	0,006
Cd	0,001
Ce	0,033
Co	0,001
Cr	0,001
Cs	0,033
Cu	0,001
Dy	0,033
Er	0,033
Eu	0,033
Fe	0,001
Ga	0,001
Gd	0,033
Ge	0,001
Hf	0,033
Hg	0,001
Ho	0,033
In	0,001
Ir	0,033
K	0,005
La	0,033
Li	0,002
Lu	0,033
Mg	0,005
Mn	0,001
Mo	0,002
Na	0,011
Nb	0,033
Nd	0,033
Ni	0,001
Os	0,033
P	0,006
Pb	0,001
Pd	0,04
Pr	0,033
Pt	0,001
Rb	0,033
Re	0,033
Rh	0,033
Ru	0,033
Sb	0,033
Sc	0,033
Se	0,001
Si	0,033

Sm	0,033
Sn	0,001
Sr	0,001
Ta	0,033
Tb	0,033
Te	0,033
Th	0,033
Ti	0,001
Tl	0,001
Tm	0,033
U	0,033
V	0,001
W	0,033
Y	0,033
Yb	0,033
Zn	0,004
Zr	0,001